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1920

MARSHALL'S SEEDS

W.E. MARSHALL & CO. INC.
166 WEST TWENTY THIRD STREET
NEW YORK CITY

SIXTEENTH ANNIVERSARY ANNOUNCEMENT



SIXTEEN years ago we commenced business at 146 West 23d Street and after nine years moved to our present more commodious quarters at 166 West 23d Street, to enable us to handle our increased business.

In January, 1917, we incorporated, thereby giving our employees an interest in the welfare of our business.

We thank our numerous patrons and friends for their continued confidence in our goods, which has enabled us to be proud of their patronage, and we hope still to maintain the standard and quality of our goods in the future as in the past.

Our patrons will always find courteous treatment from our fellow workers who have so greatly aided us in the expansion of our business.

W. E. MARSHALL, President

A. E. WHEELER, Vice-Pres. and Treas.

S. H. WHITEFIELD, Secretary

January, 1920

ORDER EARLY

We request our customers to order as early as possible on receipt of catalogue. We endeavor to ship all orders immediately on receipt, but during the busy season it is almost impossible; hence, the importance of ordering early.

PARCELS POST

We deliver free by Parcels Post all seeds, except Beans, Corn, Peas, Farm Seeds or Clovers. If these are wanted by mail please add the cost of postage at zone rates.

We deliver free by mail all flower and vegetable seeds by the packet, ounce and quarter pound.

Fertilizers, insecticides, sundries, trees and plants are at all times excluded from free delivery.

No charge for delivery to railroad station, steamer or express office.

Owing to the scarcity of all Bags we are compelled to charge them at cost and credit will be given when returned, charges prepaid if in good condition.

GARDENERS AND FARMERS

Parties requiring the services of reliable men, married or single, should consult with us, as we have the names of a number on our register, thoroughly experienced in every branch of the business. We have a large acquaintance among gardeners in this vicinity, and it is seldom that any one who applies to us fails of getting the right party. No fee.

SPECIAL NOTICE

PRICES

The prices published in this Catalogue are subject to market changes without notice.

Owing to the upward trend in prices of all materials, we cannot bind ourselves on prices of any articles.

W. E. MARSHALL & CO. Inc.

166 WEST 23rd STREET, NEW YORK

LOCATION OF OUR STORE

Our store, No. 166 West 23d Street, is situated near Seventh Avenue, between Sixth and Seventh Avenues.

(INDEX SEE PAGE 96)

TELEPHONE
3288 CHELSEA

SPECIALTIES AND EXHIBITION STRAINS IN VEGETABLES

BEET. Marshall's Dark-Leaved Globe

A perfect globe-shaped Beet, with a very dark texture and leaf. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

BEET. Marshall's Exhibition

A selected strain of the Globe type; roots medium size, symmetrical in form, and unrivaled for the exhibition or table use. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

BRUSSELS SPROUTS Marshall's Exhibition

For exhibition purposes this fine variety is unequalled and it cannot be surpassed for general cultivation. Pkt. 10c., oz. \$1.00.

CABBAGE. Marshall's First Crop

The earliest of all pointed varieties—is distinct from any other on the market at the present time. It is an ideal variety for the private garden, as it takes up but little room, and produces solid hearts sooner than any other sort known to us. Pkt. 10c., $\frac{1}{2}$ oz. 70c., oz. \$1.25, $\frac{1}{4}$ lb. \$4.00.

CARROT. Marshall's Exhibition

A superb type of Intermediate Carrot. The skin is clear, bright in color, and the flesh close in texture, with very small core. In competition on the exhibition stage this variety has carried off more prizes than any other Carrot. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

CARROT. Marshall's Intermediate

This is a carefully selected stock for exhibition purposes. The color and quality are perfect. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.



Marshall's First Crop Cabbage

CORN. Charlevoix

An early or intermediate, yellow-grained sweet Corn of distinctive merit. Ears about 7 inches long and usually twelve-rowed. Very sweet and tender. $\frac{1}{2}$ pt. 20c., pt. 40c., qt. 75c., 4 qts. \$2.50.

KALE. Marshall's Exhibition Curled

This is really the handsomest Kale that has ever come under our notice, and is entirely distinct from other strains. The closely curled, handsome leaves are most attractive. A fine exhibition plant of medium height. Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.

LEEK. Marshall's Giant

The largest and best Leek for exhibition. Highly recommended as the choicest variety in cultivation; of a mild, delicious flavor. Pkt. 10c., oz. 80c.



Eclipse Cos Lettuce

LETTUCE. Eclipse Cos.

A perfectly distinct variety. It is the dwarfest Cos Lettuce and produces a firm, crisp heart quicker than other sorts, and is the most self-folding variety. Pkt. 10c., oz. 40c.

LETTUCE. Marshall's Matchless

This distinct Lettuce which we introduced three years ago has been admired by all who have seen or used it. It is a cross between a head and Cos variety, very crisp and brittle, flavor distinct from other kinds and the best possible variety for home use. Fine for early frames or Summer use. Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.

MUSK MELON Marshall's Matchless

This Musk Melon is the largest and most luscious melon we have seen. The fruits average from 15 to 20 lbs. in weight, are wonderfully uniform in shape, distinctively ribbed and netted. The flesh is an orange-scarlet color, very thick, edible to the rind and of a luscious flavor; the seed cavity is very small for so large a melon. Plants produce from five to eight handsome fruits, and the vines are remarkably healthy and vigorous. Pkt. 25c.

SPECIALTIES IN VEGETABLES—Continued

ONION. Marshall's Ailsa Craig

The skin is a pale straw color; oval in shape. Excellent for exhibition purposes. The seed we offer is imported and grown from a selected strain. Pkt. 15c., $\frac{1}{2}$ oz. 60c., oz. \$1.20.

ONION. Marshall's Invincible Giant

The latest and most important novelty in exhibition Onions. This is not an improved strain of Ailsa Craig, but grown under the same conditions, produces bulbs one-third larger. Pale yellow in color. The seeds we offer are carefully selected for us by an English grower. Pkt. 25c., $\frac{1}{4}$ oz. 60c., oz. \$2.00.

PARSLEY. Marshall's Crested Gem

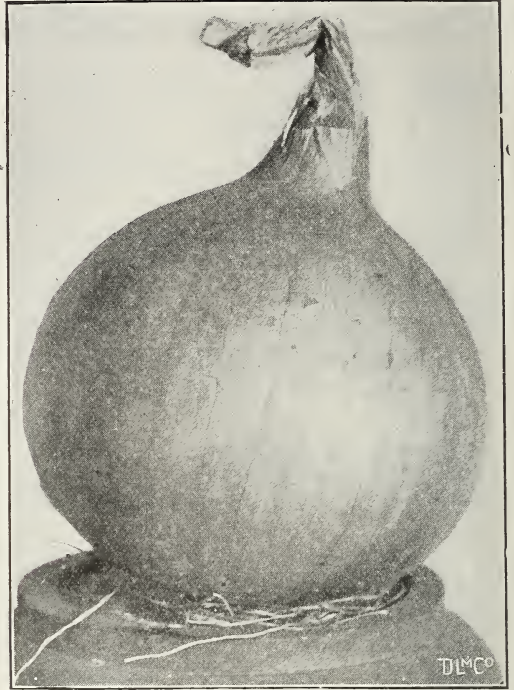
The dwarf compact habit of the plant and the fineness of the closely cut foliage are unsurpassed. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

PEPPER. Marshall's Perfection

Very smooth and uniform in shape; color when ripe a beautiful scarlet red; quality very sweet and delicious. Pkt. 10c., $\frac{1}{2}$ oz. 50c., oz. \$1.00.

TURNIP. Quicksilver

Fine for exhibition; round, white skinned, with solid white flesh, very quick growing. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.



Onion, Ailsa Craig

Novelties and Specialties in Flower Seeds

COSMOS. New Double

A beautiful new type of Cosmos producing full, round double flowers most desirable for cutting.

Double Snowball, Double Crimson and Double Pink. Each per pkt. 25c.

DELPHINIUM

Marshall's Matchless Hybrids

A very beautiful strain with large, handsome flower spikes, including the best of the new double and single named varieties. Pkt. 25c., $\frac{1}{8}$ oz. \$1.00.

EREMURUS

Marshall's Gold Medal Hybrids

Many beautiful new colors, including White, Cream, Primrose, Pink, Yellow, Bronze, Copper, etc. All July-flowering and perfectly hardy, and vary in height from 6 to 10 feet. Pkt. 25c.

GAILLARDIA

Marshall's Matchless Hybrids

A grand new improved strain. Enormous flowers and very stout habit, including grand varieties of colors. Pkt. 25c., $\frac{1}{8}$ oz. \$1.00.

GLOXINIA. Marshall's Matchless

This strain is saved from the very choicest erect-flowering varieties in cultivation. The flowers are of gigantic proportions, brilliant in color and beautifully marked. Pkt. 50c.

MIGNONETTE.

Marshall's "Majesty"

This is a very select strain of greenhouse grown Mignonette, producing spikes of very large size. The seed we offer is grown from selected spikes especially for us by a large flower grower. Pkt. 50c., $\frac{1}{8}$ oz. \$1.00.

PANSY. Chelsea Exhibition

This is the finest mixture of Pansies obtainable for forcing or outside flowering. The seed we offer is saved from a New England grower who received the Gold Medal from the Boston Horticultural Society and other certificates at various shows when exhibited. Pkt. \$1.00, $\frac{1}{16}$ oz. \$2.00.

PANSY

Marshall's Matchless Mixture

These consist of all the newest named varieties in mixture, and include selections of Giant Cassiers, Bugnots, Giant English, Odiers, etc. Pkt. 50c., $\frac{1}{8}$ oz. \$2.00, oz. \$12.00.

Novelties and Specialties in Flower Seeds—Continued

SCHIZANTHUS GRANDIFLORUS MAXIMUS. Dr. Badger's Hybrids

The plants of this fine variety are more robust and the blooms much larger than any other variety. They grow about 2 feet high and the flowers measure $1\frac{1}{2}$ inches across.

The foliage is fern-like, bright green, very handsome and covered with a beautiful range of colors. Pkt. 50c.

SCHIZANTHUS Retusus. "Pink Beauty"

Flowers an exquisite shade of rose pink, without any shading, very effective as a pot plant or as cut flowers. Pkt. 50c.

PRIMULA. Eureka

Akin to Obconica, but of an entirely new Giant form. Large, well-shaped flowers with broad petals, carried well above the foliage on stout stems. Color a rich rosy carmine, shaded cerise, with clear yellow eye. Pkt. \$1.00.

ZINNIA. Dahlia-Flowered

The flowers have a very marked distinction from the ordinary Giant Zinnia, being of a true Dahlia-flowered type with very large flowers and free flowering.

Dark Cerise. Pkt. 25c.

Lavender Pink. Pkt. 25c.



Schizanthus. Dr. Badger's Hybrids

NEW DAHLIAS FOR 1920

Frank A. Walker. New Decorative, of a charming lavender-pink shade. Stems very long. One of the finest cut flower varieties. Each 75c.

Leo XIII. A gigantic clear rich yellow, of perfect Decorative type, double flowers. The best yellow Dahlia. Each \$1.00.

Mrs. Warmaar. One of the largest white Dahlias grown, and without exception the finest Hybrid Cactus to date. Each \$1.00.

Rose Gem. An exquisite rose-pink, with silvery sheen; making it one of the most beautiful Dahlias we have seen. Each \$1.00.

Noir Alvarez. A giant deep velvety ox-blood red. Flowers from 6 to 9 inches in diameter and can be forced larger. Each \$2.00.

Tenor Alvarez. A perfect Decorative Dahlia. Tyrian pink, heavily striped and splashed crimson maroon. Flowers from 6 to 9 inches in diameter. Each \$1.00.

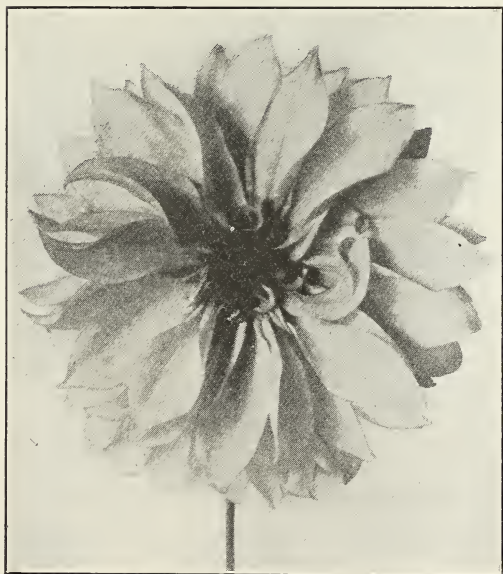
The above collection, one of each named for \$6.00.

NEW AMARYLLIS HYBRIDS

Hippeastrum, Veitch's and Ker's New Hybrids.

The finest race of Amaryllis in cultivation; exceeding in the size and fine form of their flowers, as well as in the diversity of colors and markings, all former hybrids. The segments are of nearly uniform size, giving the flowers a regular trumpet form.

Largest Size Bulbs. Each \$1.50, doz. \$15.00



Dahlia, Rose Gem

Marshall's Matchless Pips. 250 for \$20.00, 500 for \$35.00, 1000 for \$70.00.



MARSHALL'S VEGETABLE SEEDS

WITH GENERAL DIRECTION FOR CULTIVATION

W. E. MARSHALL & CO. INC., give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

ARTICHOKE

One ounce will sow 100 feet of row, and produce about 500 plants.

A rich sandy loam is best adapted for this plant. The seed should be sown in drills $1\frac{1}{2}$ inches deep and 1 foot apart. Transplant to rows 3 feet apart. They reach maturity the second year. Protect in Winter by a covering of leaves or coarse manure.

Large French Globe. Heads large, fleshy and of rich flavor. Pkt. 25c., $\frac{1}{2}$ oz. 60c., oz. \$1.00.

ARTICHOKE PLANTS

Large French Globe. Plants ready for shipment after April 1st. Doz. \$2.00, 100 \$15.00.

Jerusalem. Grown for the tubers, which resemble Potatoes, and are cultivated in a similar manner, but the rows should be at least 4 feet apart. Qt. 30c., pk. \$1.75.

ASPARAGUS

One ounce will produce about 200 plants.

Sow in Autumn or in Spring as soon as the soil is in good working condition. At one or two years transplant to permanent beds.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Conover's Colossal. Very prolific and tender.....	\$0.05	\$0.10	\$0.30

Palmetto. A fine variety, producing large, green Asparagus.....	.05	.10	.30
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ASPARAGUS ROOTS

It requires 100 plants for a single row of 150 feet.

Culture. The permanent bed should be trenched or ploughed very deeply, and well manured with rich, thoroughly decayed manure. Set the plants 18 inches apart in rows, carefully spreading out and separating the roots, and deep enough to admit of the top of the plants being covered 6 inches. In November the plants should have their annual top-dressing of manure after the stalks have been cleared away.

ONE-YEAR-OLD ROOTS

	100	1000
Palmetto. Large, bright green.....	\$1.00	\$9.00
Conover's Colossal. Deep green.....	1.00	9.00
Columbian Mammoth. White.....	1.00	9.00
Giant Argenteuil. Very large.....	1.00	9.00

TWO-YEAR-OLD ROOTS

	25	100	1000
Palmetto	\$0.50	\$1.50	\$12.50
Conover's Colossal.....	.50	1.50	12.50
Giant Argenteuil.....	.50	1.50	12.50
Forcing Clumps	3.00	10.00	

BEANS

Beans like a well drained, rich and light loam. Plant about the middle of April when warm and favorable, and at intervals throughout the season for a succession, until the latter part of August. Bush varieties should be planted in drills 2 feet apart, and from two to six plants to the foot in a row. Keep them well cultivated and draw the earth up to the stem. For String Beans gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.

DWARF SHELL BEANS

Sow in drills two feet apart as soon as warm weather has set in; soil should be light and rich; covering about two inches.

	$\frac{1}{2}$ Pt.	Pt.	Qt.	4 Qts.
Boston Pea or Navy. Used when dry for cooking purposes.....	\$0.20	\$0.35	\$0.70	\$2.50
White Kidney. Excellent Shell, or String Bean.....	.20	.35	.70	2.50
White Marrow. For use in a dry state in Winter, or as a String Bean.....	.20	.35	.70	2.50
English Broad Windsor. A nutritious, large Bean growing 3 feet high on stiff stems. Should be planted very early.....	.20	.40	.80	3.00

Add postage at Zone rates if Beans are to be mailed. One pint is equivalent to one pound.

DWARF GREEN-PODDED SNAP BEANS

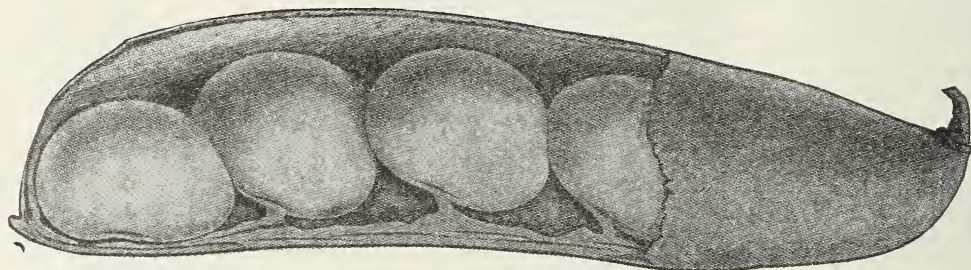
One quart will plant 150 feet of drill.

	$\frac{1}{2}$ pt.	Pt.	Qt.	4 qts.
Black Valentine. Resembling the Valentine, but with black seed; long, $\frac{1}{2}$ pt. round, solid pods; very early.....	\$0.20	\$0.40	\$0.80	\$3.00
Bountiful. Early, very prolific and long bearing; flat, green pods, tender and stringless.....	.20	.40	.80	3.00
Canadian Wonder. Large, green pods. Fine for table or exhibition.....	.25	.50	1.00	3.50
Dwarf Horticultural. Late and productive; flat, stringless pods.....	.20	.40	.80	3.00
Early Mohawk. Long, straight, flat pods; early, hardy and productive.....	.20	.40	.80	3.00
Extra Early Refugee. Two weeks earlier than the Late Refugee; very prolific....	.20	.40	.80	3.00
Extra Early Red Valentine. One of the earliest. Round, thick, solid pods; tender; fine flavor.....	.20	.40	.80	3.00
Giant Stringless Green Pod. This Bean is absolutely stringless. The pods are round and full.....	.20	.40	.80	3.00
Longfellow. Long, straight, round, solid green pods; very early.....	.20	.40	.80	3.00
Long Yellow Six Weeks. Very early, with full, flat pods.....	.20	.40	.80	3.00
Masterpiece. A beautiful round, green podded variety, long straight stringless pods; fine for forcing and exhibition.....	.50	1.00	2.00	
Refugee, Late, or 1,000 to 1. Medium to late; very productive and tender. Largely grown for main crop; round pod.....	.20	.40	.80	3.00
Stringless Green Pod (Burpee's). An early, round, green-podded Bean; stringless, remains tender and crisp a long time after maturity.....	.25	.45	.90	3.25

DWARF WAX-PODDED BEANS

	$\frac{1}{2}$ pt.	Pt.	Qt.	4 qts.
Black Wax, Currie's Rust-Proof. Large, flat pods; early.....	\$0.20	\$0.40	\$0.80	\$3.00
Black Wax, Improved Prolific. The pods are round, and of fine quality....	.20	.40	.80	3.00
Davis White Kidney Wax. Long, waxy, white; flat pods.....	.20	.40	.80	3.00
Golden Wax, Improved. Very early; flat pods, long, stringless.....	.20	.40	.80	3.00
Golden Eyed Wax. Very hardy and prolific, with flat, yellow pods.....	.20	.40	.80	3.00
Golden Scimitar, or Pencil-Pod Black Wax. Long, round, yellow, stringless pods.....	.20	.40	.80	3.00
Hodson Wax. Handsome thick, flat, yellow pods. Free from blight and rust. Heavy bearer.....	.20	.40	.80	3.00
Refugee Wax. A Refugee with long, round, wax pods; stringless.....	.20	.40	.80	3.00
Valentine Wax. A perfect Valentine Bean with wax pods.....	.25	.45	.90	3.25
Wardwell's Kidney Wax. Early; long, flat, wax pods.....	.25	.45	.90	3.25

DWARF, OR BUSH LIMA BEANS



Fordhook Bush Lima Beans

	$\frac{1}{2}$ pt.	Pt.	Qt.	4 qts.
Burpee's Improved Bush Lima. A bush form of the large, flat Pole Lima... \$0.25	\$0.25	\$0.50	\$1.00	\$3.75
Dreer's or Thorburn's Bush Lima. Round, thick Beans; very prolific....	.25	.50	1.00	3.75
Fordhook Bush Lima. It is of erect habit; beans very large and heavy cropper.....	.25	.50	1.00	3.75
Henderson's Bush Lima, or Dwarf Sieva. Productive.....	.20	.40	.80	3.00
Wilson's Improved Bush Lima. A week to ten days earlier than Burpee's, more productive but not quite so large.....	.25	.50	1.00	3.75

If Beans are wanted by Parcel Post add postage at Zone rate. 1 lb. per pint, 2 lbs. per quart.



POLE, OR RUNNING BEANS

Sow from the 1st of May (for all except Limas) to the latter part of May, in hills 4 feet each way. Limas should not be planted until warm weather has fairly set in. One quart of Limas will plant about 100 hills, allowing four or five beans to a hill, and of the smaller sorts about 200 hills. Poles 8 to 10 feet long should be firmly set in the hills before planting seed. Set poles 4 feet apart each way, and plant 4 to 6 beans about 1 inch deep around each pole. Thin out to three plants to a pole if the soil is rich; pinch off the ends of plants when they overrun the top of the poles, to effect more perfect growth below.

	Pt.	Qt.	4 qts.
Carpenteria Lima. The beans have a greenish tint; vines vigorous and very productive. A perfect Lima Bean.....	\$0.25	\$0.50	\$1.00
Challenger Lima. Thick and productive. Best of all.....	.25	.45	.90
Dreer's Improved Lima. A great improvement upon the large Lima, being more productive and of better quality.....	.25	.45	.90
Extra Early Jersey Lima. This variety is ten days earlier than the ordinary variety, while it is equal in flavor and productiveness.....	.25	.45	.90
Large, White Lima. One of the best Shell Beans grown. Matures in ninety days; very popular. Our seeds of this variety are extra selected, large and fine.....	.25	.45	.90
Leviathan Lima. The earliest variety of Pole Lima. Produces pods in clusters. A good variety where the season is short.....	.25	.45	.90
Small Sieva, or Carolina. Small size; early and prolific.....	.25	.45	.90
Dutch Case Knife. Pods long, green and flat; can be either snapped or shelled..	.20	.40	.75
Golden Cluster Wax. Long, golden yellow pods in cluster.....	.30	.60	1.20
Horticultural Pole. Good as a Snap or Shelled Bean.....	.25	.45	.90
Kentucky Wonder (Old Homestead). Pods green, very long and flat.....	.25	.45	.90
Scarlet Runner. A popular English Pole Bean; very ornamental.....	.25	.45	.90
French Yard-Long. A curious and interesting variety with pods 20 to 36 inches long.....	Pkt. 25cts. .60	1.25	2.50

"MULFORD CULTURES." The use of Mulford Cultures when planting Beans will increase your yields. Small size 25c. Garden size 50c. State if wanted for String or Lima Beans when ordering.

BEET

One ounce will sow 150 feet of drill.

For early supply sow as soon as the ground is in working order, in drills 1 foot apart and 2 inches deep. For main crop sow the second week in May, and for Winter use sow in June. When the plants are well forward thin out to about 9 inches apart. The young Beets, with their tops pulled out of the row, are excellent used as Spinach.

	Pkt.	Oz.	¼ lb.	Lb.
Early Blood Turnip. The leading early sort; also fine for late use.....	\$0.05	\$0.25	\$0.75	\$2.00
Early Eclipse. Very early; dark blood color; small top.....	.05	.25	.75	2.25
Extra Early Egyptian. The best for first crop out of doors. The root is very dark red, flat.....	.05	.25	.75	2.50
Crosby's Egyptian. Extra early; round, dark red.....	.10	.25	.75	2.50
Crimson Globe. Fine globular shape; flesh deep purple; fine quality.....	.10	.25	.75	2.50
Detroit Dark Red Turnip. Round; skin dark blood red; flesh bright red....	.10	.25	.75	2.50
Long Smooth Blood. A prolific variety, very dark in color.....	.10	.25	.75	2.50
Marshall's Dark-leaved Globe. A perfect globe-shape, with a very dark texture and leaf.....	.10	.30	1.00	3.00
Marshall's Exhibition Globe. Very carefully selected stock. Dark red... and the finest shape Globe variety.....	.10	.30	1.00	3.00
Sutton's Globe, or Model. A perfect globe-shaped variety.....	.10	.30	.90	3.00
Swiss Chard. The roots of this variety are of no value, but the leaves are superior to those of the ordinary Beet and excellent as greens.....	.05	.20	.60	2.00
Swiss Chard, Giant Lucullus. An improved variety.....	.10	.25	.75	2.75

MANGEL-WURZEL AND SUGAR BEET

Sow 6 to 8 pounds per acre.

	¼ lb.	Lb.
Champion Yellow Globe. Bright orange color; globe-shaped and of excellent quality.....	\$0.50	\$1.50
Golden Tankard. An enormous yielder per acre. Flesh deep yellow.....	.50	1.50
Mammoth Long Red. The largest and heaviest cropper of all the Mangels.....	.50	1.50
Imperial White Sugar. An old variety of the Sugar Beet, valued for its productiveness and large percentage of sugar.....	.50	1.50
Vilmorin's Imperial Sugar. An improved French variety.....	.50	1.50



BROCCOLI

(For Cultural Directions, see Cauliflower)

	Pkt.	Oz.	¼lb.
White Cape. Heads compact and of a creamy white color.....	\$0.10	\$0.75	\$2.50

BRUSSELS SPROUTS

One ounce will produce about 2,000 plants.

Sow in May in shallow drills 1 inch deep and 12 inches apart; transplant in July. A very hardy, delicious vegetable which should find a place in every garden; greatly improved by hard frosts.

	Pkt.	½oz.	Oz.	¼lb.
Marshall's Exhibition. The finest variety of all the Brussels Sprouts. Very large and of superior quality.....	\$0.10	\$0.50	\$1.00	\$3.00
Long Island Improved. Solid, round sprouts of the best quality.....	.10	.35	.70	2.50
Improved Dwarf. A dwarf variety, producing numerous heads.....	.10	.35	.70	2.50

CABBAGE

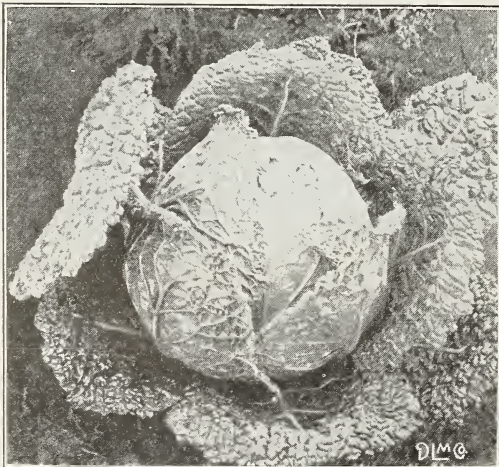
One ounce will produce 3,000 plants.

For early use sow the seeds in hotbeds in February or March. Transplant as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or Winter use sow the seed in May.

	Pkt.	½oz.	Oz.	¼lb.
Marshall First Crop. An ideal variety for the private garden producing solid pointed heads earlier than any other variety.....	\$0.25	\$0.70	\$1.25	\$4.00
Autumn King. One of the finest late varieties.....	.10	.30	.60	2.00
Chinese, or Celery. Resembling a Cos Lettuce; the outer leaves are used as a salad or cooked.....	.10	.40	.75	2.50
Copenhagen Market. Very early, round head; short stemmed.....	.10	.50	1.00	3.00
Danish Ball Head. Very round; solid Winter sort. A fine shipper.....	.10	.40	.75	2.50
Early Flat Dutch. A second early Cabbage; large, solid heads.....	.10	.30	.60	2.00
Early Spring. An extra early Cabbage with a round, flat head.....	.10	.30	.60	2.00
Early Jersey Wakefield. The standard early variety, conical in shape; few outside leaves.....	.10	.30	.60	2.00
Early Winnigstadt. Conical shape; quality very good.....	.10	.30	.60	2.00
Improved Early Summer. A superior second early sort.....	.10	.30	.60	2.00
Large, Late Flat Dutch. The heads are large and solid, with few outer leaves.....	.10	.30	.60	2.00
Large Early York. A fine early sort; solid heads and of good size.....	.10	.30	.60	2.00
Large, Late American Drumhead. One of the largest and best keeping varieties. Fine keeper.....	.10	.30	.60	2.00
Succession. A week later than Early Summer. Large, solid heads.....	.10	.30	.60	2.00

SAVOY CABBAGE

	Pkt.	½oz.	Oz.	¼lb.
Marshall's Exhibition. The heads are of medium size and mature early, the leaves deeply embossed and distinctly ornamental. The best variety for private use.....	\$0.10	\$0.50	\$1.00	



Exhibition Savoy Cabbage

Early Dwarf Ulm. A very early dwarf variety of fine quality.....	.10	.40	.75	\$2.50
Perfection Drumhead. A large, improved strain. Strong and vigorous grower.....	.10	.30	.60	2.00

RED CABBAGE

	Pkt.	½oz.	Oz.	¼lb.
Early Red Erfurt. A standard variety; heads solid and large size.....	\$0.10	\$0.30	\$0.60	\$2.00
Large Red Drumhead. Heads round, solid, and deep blood red in color.....	.10	.30	.60	2.00
Mammoth Rock Red. The largest red Cabbage; color deep red.....	10	.40	.75	2.50
Red Stonehead. Medium size, but very solid heads.....	.10	.40	.75	2.50



CARDOON

Large Solid. Grows about 4 feet high; leaves nearly free from spines. Pkt. 10c., oz. 35c.

CARROTS

One ounce will sow 200 feet of row.

For early crops sow as soon as the ground can be worked, and for later crops from the beginning until the end of May, in rows 15 inches apart and $\frac{1}{2}$ inch deep. Thin out the young plants to 5 inches and keep the surface open by frequent use of the hoe.

	Pkt.	$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.	Lb.
Early French Forcing. Tender and fine, best for early crops and frames.	\$0.10	\$0.25	\$0.50	\$1.50	\$4.00
Early Scarlet Horn. Very thick roots; fine for frames. ....	.05	.15	.25	.75	2.50
Chantenay Half Long Stump. Style of Nantes, broader shoulder. .	.05	.10	.20	.60	2.00
Danver's Half Long. Large; of good quality and productive. One of the most popular sorts. ....	.05	.10	.20	.60	2.00
Half Long Stump-rooted, Nantes Strain. Very popular. ....	.05	.10	.20	.60	2.00
Long Orange. For garden and field crops this is the best variety grown. ....	.05	.10	.20	.60	2.00
Marshall's Exhibition. A superb intermediate variety; skin clear, bright red color. ....	.10	.15	.30	1.00	3.00
Marshall's Intermediate. Fine exhibition variety. ....	.10	.15	.30	1.00	3.00
Oxheart (Guerande). Very thick and short, very sweet. ....	.05	.10	.20	.60	2.00
White Belgium. Very large; for stock. ....	.05	.10	.20	.60	2.00

CAULIFLOWER

One ounce of seed produces about 3,000 plants.

By sowing the early varieties in a hotbed in February or March, or later in a coldframe, fine heads can be obtained quite early. When large enough transplant, making the rows about $2\frac{1}{2}$ feet apart and 18 inches between the plants. Transplanting should be done in moist weather.

	Pkt.	$\frac{1}{4}$ oz.	Oz.
Marshall's First and Best. Produces large and fine grained heads of snowy whiteness. It is the earliest and most solid heading variety grown.	\$0.50	\$3.00	\$10.00
Earliest Dwarf Erfurt. The best and earliest for forcing under glass; very dwarf and compact, with short stem and small leaves. ....	.50	2.50	8.00
Marshall's Extra Early Snowball. One of the best for forcing under glass or for open ground. ....	.25	1.50	5.00
Dry Weather. This variety is especially adapted for long, dry seasons. ....	.25	1.50	5.50
Gilt-Edge. Large, heavy sort. The best and surest of all. ....	.25	1.50	5.00
Extra Early Paris. Heads of medium size; first-class. ....	.10	.60	2.00
Autumn Giant. Vigorous in growth and very large; late. ....	.20	.75	2.50
Algiers. An extra fine, late variety; suitable for market and sure to head. ....	.10	.60	2.00
Market Garden. A large variety of the Erfurt type, solid white heads. A popular late sort. ....	.10	.75	2.50

CELERY

One ounce will sow about 300 feet of a row and produce about 5,000 plants.

Sow in the open border early in April, in rich ground. When the plants are 3 inches high transplant 4 inches apart into temporary beds of soft, rich soil until they acquire sufficient strength for planting out. Plant in rows 3 feet apart and set 8 inches apart in the rows. About the middle of August earthing up is necessary for blanching and whitening of that which is wanted for early use.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Easy Blanching. Blanches very easily, medium dwarf, good flavor and a fine keeper.	\$0.15	\$1.00	\$3.00
Fin de Siecle. The largest, hardiest and best keeping Winter Celery. ....	.10	.40	1.25
Giant Pascal. The stalks are solid and crisp; golden yellow heart. ....	.10	.40	1.25
Golden Dwarf, or Golden Heart. A distinct variety; crisp, solid; fine flavor. ....	.10	.40	1.25
Golden Self-Blanching. French grown; crisp, tender and of fine flavor. ....	.25	1.50	4.00
Market Red. Large and very solid. A fine table variety. ....	.10	.50	1.75
Marshall's White Plume. A valuable early variety. Requires very little blanching. ....	.10	.50	1.50
Perfection Heartwell. Medium height and blanches well. ....	.10	.40	1.25
Schumacher. A large growing sort; solid, crisp and of a fine nutty flavor. ....	.10	.40	1.25
Winter Queen. Very large; solid green, Winter variety; blanches well. ....	.10	.40	1.25
Celery Seed. Used in kitchens for flavoring soups. ....		.20	.60

CELERIAC, or TURNIP-ROOTED CELERY

Grown mostly for its bulbous roots, which may be stored like Beets for Winter use.

Giant Prague. The finest variety. Very large roots which are almost round.10	.40	1.25
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CHERVIL

The Curled Chervil is cultivated like Parsley and used for garnishing and flavoring soups and salads.

Curled Chervil. The young leaves are used for flavoring soups and salads. Pkt. Oz. ¼ lb.
\$0.10 \$0.40 \$1.25

CHICORY

Common, or Wild. Sow in June. The young shoots form the Barbe de Capucin, the celebrated salad of France.05 .50 1.50
Large-rooted Magdeburg. Used to mix with or a substitute for coffee.05 .50 1.50
Witloof, or French Endive. The stalks when blanched are used for salad.05 .60 2.00

COLLARDS

Sow seeds, as for Cabbage, in June, July and August, for succession. Transplant when a month old in rows a foot apart each way, and hoe often.

Georgia. Pkt. 5c., oz. 20c., ¼ lb. 45c.

CORN SALAD, OR FETTICUS

One ounce will sow 150 feet of drill.

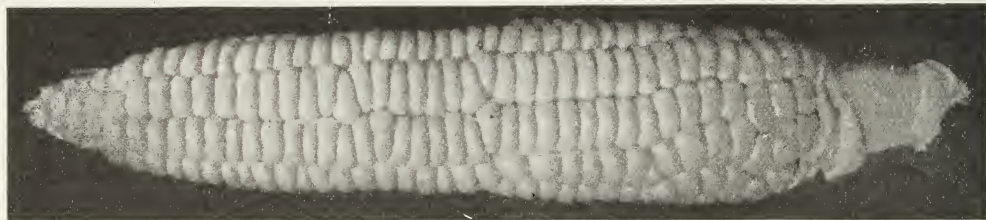
Sow in September in drills 8 inches apart, covering the seeds lightly, and protect from frost by light covering of hay and litter. The seed may be sown in Spring.

Large-seeded. The most popular variety grown. Pkt. 10c., oz. 30c., ¼ lb. \$1.00, lb. \$2.50.

CORN, SWEET

One quart will plant 200 hills.

Plant in hills 3 feet apart each way, dropping five or six kernels in each hill, or in rows 3 feet apart, and the plants thinned out to 8 or 9 inches in the row. From May until the middle of July a succession planting can be made every two or three weeks, and a continued supply can be had until frost kills the plants.



Golden Bantam Sweet Corn

EXTRA EARLY

Charlevoix. An early yellow variety. Ears about 7 inches long, eight-rowed; very fine flavor.	½ pt. \$0.20	Pt. \$0.40	Qt. \$0.75	4 qts. \$2.50
Early Mayflower. One of the earliest white-seeded varieties. Long, well filled ears. . . . .	.15	.25	.50	1.75
Early Minnesota. One of the earliest varieties grown. Dwarf; ears small. . . . .	.15	.25	.50	1.75
Golden Bantam. Extra early; yellow; very sweet and tender. . . . .	.15	.30	.60	2.00
Golden Rod. Very early, golden grains and sweet flavor. . . . .	.15	.30	.60	2.00
Howling Mob. An early variety of large size ears; white, sweet grains. . . . .	.15	.30	.60	2.00
Kendel's Giant. Large variety and fine quality. . . . .	.15	.25	.50	1.75
Mammoth White Cory. Ears double the size of the old Cory. . . . .	.15	.25	.50	1.75
Red Cory. Early, tender and sweet. . . . .	.15	.25	.50	1.75

SECOND EARLY

Crosby's Early. One of the standard early sorts. . . . .	.15	.25	.50	1.75
Early Champion. Large; white cob; very sweet. . . . .	.15	.25	.50	1.75
Early Evergreen. Ripens about ten days earlier than Stowell's Evergreen. . . . .	.15	.25	.50	1.75
Early Mammoth. Ten days earlier than Mammoth. . . . .	.15	.25	.50	1.75
Metropolitan. Large, handsome ears of fine quality. . . . .	.15	.30	.60	1.75

GENERAL AND LATE

Black Mexican. The sweetest and most delicious variety grown. . . . .	.15	.25	.50	1.75
Country Gentleman. Ears medium size; deep grains in irregular rows on cob and deliciously sweet. . . . .	.15	.30	.60	2.00
Late Mammoth. The largest late variety grown. . . . .	.15	.25	.50	1.75
Stowell's Evergreen. The most popular variety grown; ears large and very sweet. . . . .	.15	.30	.60	2.00

Packets of all varieties of Corn 10c. each, post free.

POP-CORN, White Rice. Shelled Lb. 30c.

CRESS, OR PEPPERGRASS

One ounce will sow 150 feet of drill.

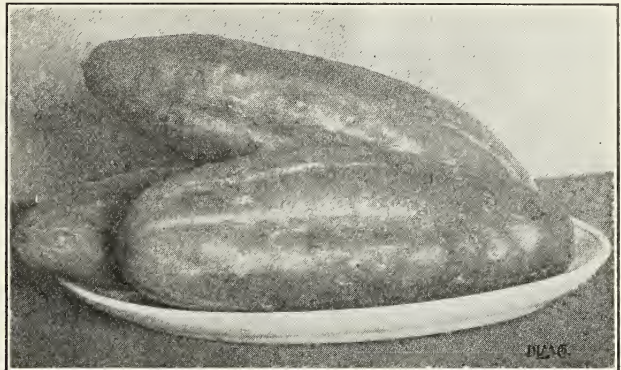
A popular salad which should be sown early in the Spring very thickly in shallow drills and at short intervals for succession, as it soon runs to seed.

Extra Curled. The best variety grown; leaves are beautifully cut and curled; highly prized for garnishing.....	Pkt. \$0.05	Oz. \$0.15	¼ lb. \$0.50	Lb. \$1.50
Upland, or Broad-leaved Winter. A garden substitute for Water Cress; crisp, tender and perfectly hardy.....	.05	.15	.50	1.50
True Water Cress. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it.....	.25	1.25	4.00	

CUCUMBERS

One ounce to 60 hills, 2 to 3 pounds to one acre.

For very early use seed may be started in heat and the plants set out in May. Pieces of inverted sod are an excellent medium for starting and growing early Cucumber plants, as they can readily be lifted from the hotbed to the garden without disturbing the young plants growing upon them. For main crop plant in hills 4 feet apart at the end of May. Keep the young plants safe from the striped bug by dusting with dry plaster or powdered hellebore. Leave four strong plants to each hill.



Cool and Crisp Cucumber

	Pkt.	Oz.	¼lb.
Cool and Crisp. A strain of White Spine; flesh peculiarly crisp and tender.....	\$0.10	\$0.25	\$0.75
Davis Perfect. An excellent variety both for outdoors and forcing purposes.....	.10	.25	.75
Early Cluster. Prolific, tender and crisp; about 5 inches long; good color.....	.05	.20	.60
Early Fortune. Very dark green skin, flesh thick, seed cavity small and excellent quality, for table use or pickles.....	.10	.25	.75
Everbearing. Valuable as a green pickler.....	.10	.25	.75
Extra Long White Spine. Much longer than ordinary White Spine; very prolific....	.10	.25	.75
Fordhook Famous. The largest and most handsome garden variety. The skin is a bright green.....	.10	.25	.75
Green Prolific Pickling. Dark green; medium strength; very free bearer.....	.05	.20	.60
Improved Long Green. Long and crisp; a popular variety for pickles.....	.05	.20	.60
Improved White Spine. Early and good for table use or for pickling; of medium length; dark green color and flesh crisp and excellent.....	.05	.20	.60
Japanese Climbing. This is a strong and vigorous grower; fine for pickling.....	.10	.25	.75
West Indian Gherkin. Used only for pickles; the smallest of all varieties.....	.10	.25	.75

ENGLISH CUCUMBERS FOR FRAMES

	Pkt.		Pkt.
Covent Garden Favorite	\$0.30	Lockie's Perfection	\$0.30
Duke of Edinburgh.....	.30	Sutton's Matchless.....	.30
Kelway's Freedom.....	.30	Telegraph, Improved.....	.30

DANDELION

The Dandelion affords one of the earliest and most healthful Spring greens or salads.

Improved French. Large thick leaves. Pkt. 10c., oz. \$1.00, ¼ lb. \$3.50.

ENDIVE

One ounce of seed for 100 feet of drill.

One of our best salad plants. For a first crop sow about the middle of April; for succession small sowings may be made every month till August, when the main planting is made. Set out the plants 1 foot apart, in rows and when well grown blanch by folding the leaves.

	Pkt.	Oz.	¼ lb.
Broad-leaved (Escarolle). Leaves long and broad; thick and succulent.....	\$0.10	\$0.30	\$1.00
Green Curled. Hardy, finely curled; easily blanched. One of the best.....	.10	.30	1.00
White Curled. Blanches rapidly; excellent and very tender.....	.10	.30	1.00



EGG PLANT

One ounce will produce about 2,000 plants.

The Egg Plant will thrive well in good garden soil. The seed should be sown in hotbed or warm greenhouse in March or April, and when about an inch high put in 2-inch pots. Plant about June 1st, 2½ feet apart. If no hotbed is at hand they can be grown in any light room where the temperature will average 75 degrees.

	Pkt.	½ oz.	Oz.	¼ lb.
Black Beauty. As large as New York Improved but ten days earlier.....	\$0.10	\$0.40	\$0.80	\$2.50
Long Purple. Fruit longer and smaller than the above sort; hardy; productive...	.10	.40	.75	2.50
New York Improved. Purple; the best variety; very large, oval, heavy fruit...	.10	.40	.75	2.50

KALE, OR BORECOLE

Sow about the middle of April in prepared beds, covering thinly and evenly; plant out in June, following the directions recommended for cultivating Cabbage.

	Pkt.	Oz.	¼ lb.
Curled Dwarf Green Scotch. Very dwarf and spreading; best strain.....	\$0.10	\$0.30	\$1.00
Marshall's Exhibition Curled. Closely curled leaves.....	.10	.60	2.00
Curled Siberian Improved. Uniformly dwarf; green curled; hardy.....	.10	.30	1.00
Sea Kale. Very fine; resembles Celery.....	.10	.50	1.75

KOHL-RABI

One ounce will sow 300 feet of row

Cultivate the same as the Cabbage, but in hoeing be careful not to throw earth into the heart of the plant or the bulb cannot be formed.

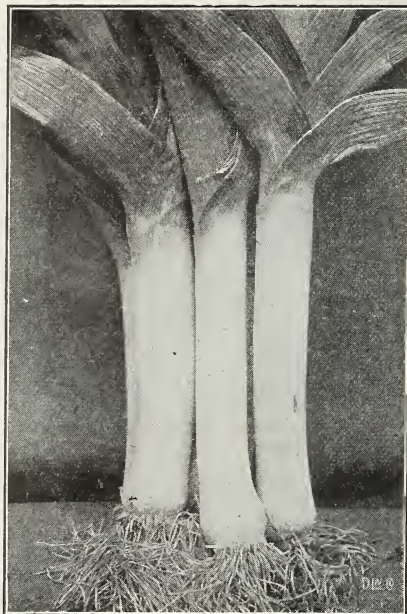
	Pkt.	½ oz.	Oz.	¼ lb.
Early White Vienna. Very early and should be used before being fully grown. Flesh white with greenish white skin. Handsome and delicate.....	\$0.10	\$0.25	\$0.50	\$1.50
Early Purple Vienna. Similar to the preceding, except in color. ....	.10	.25	.50	1.50

LEEK

One ounce will sow 200 feet of drill.

The Leek is very hardy and easily cultivated; it succeeds best in light but well enriched soil. Sow as early in the Spring as practicable, in drills 1 inch deep and 1 foot apart. When 6 to 8 inches high transplant in rows 10 inches apart each way, as deep as possible, that the neck, being covered, may be blanched.

	Pkt.	Oz.	¼ lb.
Marshall's Giant. The largest and best Leek for exhibition. Highly recommended as the choicest variety in cultivation, of a mild and delicious flavor.....	\$0.10	\$0.80	\$2.50
Large American Flag. The most desirable for market or family use. ....	.05	.40	1.50
Musselburgh, or Carentan. The leaves are broad dark green, with the blanched part long and tender. A very large variety of superior quality. ....	.10	.40	1.50



Marshall's Giant Leek

LETTUCE

One ounce will sow 200 feet of drill.

Sow in the open ground as early as possible, barely covering the seed. If the hotbed is used let it be started quite early. Give but little heat and plenty of water and air on fine days. Let plants in the beds be about 4 inches apart. As they increase in size thin them out or they will become weak. Plant for late use in a cool, partially shaded place in rich soil.

CABBAGE, or HEADING VARIETIES

	Pkt.	Oz.	¼ lb.
All Heart. A beautiful yellowish green head Lettuce. Withstands intense heat. Fine for the private garden.....	\$0.10	\$0.25	\$0.75
All Seasons. Large, handsome, extremely solid head; color a light grayish green.....	.10	.20	.60
Boston Market. Solid, crisp and compact. One of the best for forcing.....	.05	.20	.60
Big Boston. Fine for forcing in coldframes or for open ground.....	.05	.20	.60
Deacon. A splendid variety for standing the Summer heat; large, solid head.....	.10	.20	.60
Giant Crystal Head. Large, solid; outside leaves bright green, inside white.....	.10	.25	.75
Golden Queen. A good forcing variety of a golden yellow color; heads solid.....	.10	.25	.75



LETTUCE—Continued

	Pkt.	Oz.	¼lb.
Hanson Improved. Heads large, hearts quickly, and stands the Summer well.....	\$0.10	\$0.25	\$0.75
Iceberg. Large, solid heads; yellow heart; very crisp.....	.10	.25	.75
Mammoth Black-seeded Butter. A large head Lettuce of splendid quality.....	.10	.25	.75
Marshall's Matchless. A cross between a head variety and the Cos type, it has numerous loose leaves which form into a long, loose head. Very sweet and tender. A fine variety for Summer use and early frames.....	.10	.60	2.00
May King. Extra large, solid heads; light green outside, with clear yellow heart; very tender and of fine flavor; splendid forcer.....	.10	.25	.75
Mignonette. Distinct russet colored; very solid and compact.....	.10	.25	.60
New York, or Wonderful. Large solid heads; inside very white.....	.10	.25	.75
Improved Salamander. Large heads that stand the drought and heat.....	.10	.25	.60
Tennis Ball (Black-Seeded). A very distinct compact head with few outer leaves....	.10	.25	.60
Way Ahead. The leaves are light green, heads blanched to a rich yellow tint.....	.10	.30	.75
White Summer Cabbage. A fine Summer variety; heads of good size.....	.10	.25	.60

CURLED, or LOOSE-LEAVED VARIETIES

Black-seeded Simpson. Nearly double the size of Curled Simpson.....	.10	.25	.60
Early Curled Simpson. One of the earliest and best for market.....	.10	.25	.60
Grand Rapids. This is regarded as the best forcing loose-leaved variety.....	.10	.25	.60

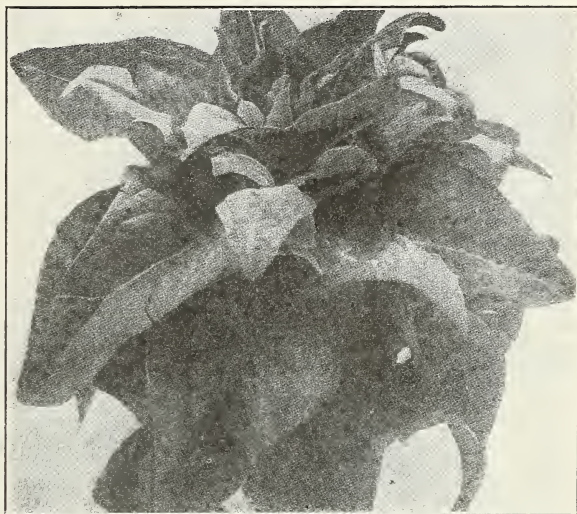
ROMAINE, or COS VARIETIES

These are distinct from the ordinary Lettuce, and much liked on account of their crisp, tender quality. They produce long, narrow leaves, blanched by drawing in the outer leaves and tying.

Eclipse Cos. A perfectly distinct variety. It is the dwarfest Cos Lettuce.....

Pure White Cos, Romaine. One of the finest varieties for Summer use.....

Trianon Cos. The long, narrow leaves, which form solid heads, bleach and quickly become snowy white.....



Matchless Lettuce

MELON, MUSK

One ounce will plant 60 hills.

After all danger of frost is over and the ground has become warm and dry, plant in hills 4 to 6 feet apart each way, 6 to 12 seeds to a hill.

When up and all danger of insects has passed, pull out all but three plants. Cultivate until the vines cover the ground.

	Pkt.	Oz.	¼lb.
Defender. One of the best yellow-fleshed sorts; medium size, oval in shape.....	\$0.10	\$0.25	\$0.75
Emerald Gem. Small, early; dark green skin, orange flesh; very sweet.....	.05	.25	.75
Field's Daisy. Rich orange flesh resembling Emerald Gem but is larger, with thicker flesh and better flavor.....	.10	.60	2.00
Fordhook. The flesh is very thick, of a deep salmon color.....	.10	.25	.75
Hackensack. Large, round and good quality.....	.05	.25	.75
Harute. Very large, beautifully netted. Flesh solid and pale yellow when ripe.....	.25	.75	2.50
Honey Dew. Large round to oval in shape, skin smooth, hard and nearly white, flesh light green. Excellent flavor.....	.10	.50	1.50
Hoodoo. Nearly round, about the size of Rocky Ford; flesh rich, deep orange.....	.10	.25	.75
Jenny Lind. Small, green fleshed; very early; good quality.....	.10	.25	.75
Long Island Beauty. The earliest and finest in quality; green flesh.....	.10	.25	.75
Marshall's Matchless. A very large and excellent quality Melon. Flesh a fine salmon-scarlet with a very small seed cavity and delicious flavor.....	.25		
Montreal Market. Large, round netted; flesh thick and light green; late.....	.10	.25	.75
Netted Gem, Round. Very early; small and of fine flavor; green flesh.....	.10	.25	.75
Orange Christina. Round; very sweet and very early; orange flesh.....	.10	.25	.75
Paul Rose. Oval; rich orange flesh; very sweet.....	.10	.25	.75
Rocky Ford. Very sweet and fine flavored; oblong.....	.10	.25	.75
Tip Top. A slightly oval shape and yellow-flesh variety; fine flavor.....	.10	.25	.75

ENGLISH FORCING VARIETIES

	Per Pkt.	Per Pkt.
Blenheim Orange. Scarlet flesh.....	\$0.30	\$0.50
Diamond Jubilee. Greenish white flesh.....	.30	
King George. Scarlet flesh.....	.50	
Marshall's Eminence. A grand variety.....	.50	
Royal Jubilee. Oval, green fleshed.....	.50	
Royal Sovereign. Golden skin, white flesh.....	\$0.50	
Sutton's A1. Scarlet flesh.....	.30	
Sutton's Universal. White flesh.....	.50	
Superlative. Scarlet flesh.....	.30	

MELON, WATER

One ounce will plant about 30 hills.

Plant in hills as directed for Musk Melons, and treat in all respects the same, except that the hills should be 8 to 10 feet apart.

	Pkt.	Oz.	¼ lb.
Citron. Round and handsome; for preserving; red seed.....	\$0.10	\$0.20	\$0.50
Cole's Early. Medium size; red flesh; green skin.....	.10	.20	.50
Cuban Queen. Solid and heavy; skin marked regularly.....	.10	.20	.50
Florida favorite. A superior strain; oblong; green-white stripes.....	.10	.20	.50
Fordhook, Early. Flesh bright red; very sweet.....	.10	.20	.60
Hungarian Honey. A very early sort; perfectly round; flesh red.....	.10	.20	.60
Kleckley Sweets. Exceedingly sweet and fine flavored.....	.10	.20	.50
Kolb Gem. Large; bright red flesh of fine quality.....	.10	.20	.50
Mammoth Iron-clad. Light green skin, striped dark green.....	.10	.20	.50
Mountain Sweet. Early, large, oblong, skin dark green, flesh red and sweet. A good variety for northern gardens.....	.10	.20	.50
Tom Watson. Dark green rind with deep red flesh, very large oblong shape.....	.10	.20	.50

MUSHROOM SPAWN

Ten pounds will spawn about 10 feet square.

Mushroom beds may be made in a warm, dry cellar, or in any building where the frost does not penetrate, and in the open air during the Summer and Fall months. Having procured the spawn, the next thing to be attended to is to make preparation for the beds. About two or three weeks before the beds are to be made collect a quantity of fresh horse manure without the straw; place it in a heap under cover, and as it heats keep turning it over once or twice a week, until the fiery heat has become exhausted, which will require from ten to fourteen days' time. When the manure is in a condition to be made up lay out your bed, according to your requirements, say 3 feet wide, 10 feet long and from 2 to 3 feet deep; beat it down well with the back of the spade as the process of building goes on. When the bed has been made some time, say a week or thereabouts, and the heat sufficiently declined to a temperature of 65 or 75 degrees, the spawn may be put into it. Break the spawn in pieces 2 inches square, and put them 6 inches apart, all over the bed; then cover the bed with 2 inches of rich soil. If everything goes on well, you may expect Mushrooms in about five or six weeks. When the soil looks dry give a gentle watering with tepid water, using a rose on the watering pot. Good crops of Mushrooms can be obtained by spawning the hotbeds in Spring

Pure Culture Prolific Direct Bricks. An American-made spawn which produces large crops of large size, deep cream, and excellent quality Mushrooms. Per brick 40c., 10 bricks for \$3.50, 50 bricks \$15.00.

MUSTARD

One ounce will sow 100 feet of drill.

For early crops the seed may be sown in a hotbed in March, and for general crop at frequent intervals through the Spring, in drills from 8 to 12 inches apart.

	Pkt.	Oz.	¼ lb.	Lb.
White London. The best variety for salad.....	\$0.05	\$0.20	\$0.40	\$1.25
Giant Southern. Curled. Very large leaves.....	.10	.20	.40	1.25

OKRA, OR GUMBO

One ounce will plant 100 hills.

This plant is extensively cultivated for its green pods, which are used in soups and stews, and are very wholesome and nutritious. Sow about the middle of May in drills 3 feet apart and thin out the plants to 1 foot apart.

	Pkt.	Oz.	¼ lb.	Lb.
Dwarf Green. Very early; smooth pods.....	\$0.10	\$0.20	\$0.40	\$1.00
Long Green. Long ribbed pods; very productive.....	.10	.20	.40	1.00
Perkin's Improved. Pod very tender, long and deep green.....	.10	.20	.40	1.00
White Velvet. Tender white pods; smooth and velvety in appearance.....	.10	.20	.40	1.00

ONION SETS

Three quarts will plant 100 yards of row.

Onion Sets should be planted early in the Spring in rows 12 inches apart, placing the sets 4 inches apart in the row. When raised from sets, the Onion can be used in the green state in June, or they will be matured by July.

	Lb.	5 lbs.	10 lbs.		Lb.	5 lbs.	10 lbs.
Red Onion Sets	\$0.30	\$1.25	\$2.25	White Multipliers	\$0.50	\$2.00	\$3.50
White Onion Sets.....	.30	1.25	2.25	Shallots.....	.75	3.50	6.00
Yellow Onion Sets.....	.30	1.25	2.25	Garlic	Market price.		

Prices of Onion Sets are subject to market changes.

ONION

One ounce will sow 200 feet of drill. 4 to 5 pounds to the acre.

Sow in drills 1 foot apart and cover about one-third of an inch, treading or rolling after sowing so that the hot dry atmosphere may not destroy the sprouting seed. When 3 inches high thin to 2 inches apart. Stir the ground freely without disturbing the young plants and keep free from weeds.

RED VARIETIES

	Pkt.	½ oz.	Oz.	¼ lb.
Large Red Wethersfield. Half early and a good keeper; large size.....	\$0.10	\$0.20	\$0.40	\$1.25
Large Red Globe (Southport Strain). The finest large red sort.....	.10	.25	.50	1.50
Early Red Flat. Medium size; very early; deep red; mild flavor.....	.10	.20	.40	1.25

WHITE VARIETIES

Early White Barletta. A small white Italian sort; very early.....	.10	.25	.50	1.50
White Queen. Pure white, small, flat; fine for pickling.....	.10	.25	.50	1.50
Large White Portugal. The large, flat sort of the New York markets.....	.10	.25	.50	1.50
Marshall's Large White Globe (Southport Strain). Very large and hand-some.....	.10	.25	.50	1.75
Mammoth White Garganus, or Silver King. Large, silvery white.....	.10	.25	.50	1.75
White Tripoli. Large, white, Italian variety.....	.10	.25	.50	2.00

YELLOW VARIETIES

Marshall's Ailsa Craig. The skin is a pale straw color and oval in shape; excellent for exhibition purposes.....	.25	.60	1.20	4.50
Cranston's Excelsior. Inclined to globular in shape and of a beautiful straw color.....	.25	.60	1.20	4.50
Danver's Yellow. A round, standard sort; early and a good keeper.....	.10	.25	.50	1.50
Marshall's Giant Gibraltar. Fine exhibition variety.....	.25	.60	1.20	3.50
Yellow Globe Danvers (Southport Strain). Of more globular shape; keeps well.....	.10	.25	.50	1.50
Marshall's Invincible Giant. New. (See Novelties).....	.25	.60	1.20	3.50
Yellow Prizetaker. Immense size; globe shaped.....	.10	.25	.50	1.50
Chives Seed. For flavoring.....	.25	.60	1.20	3.50

PARSLEY

One ounce will sow 200 feet of row.

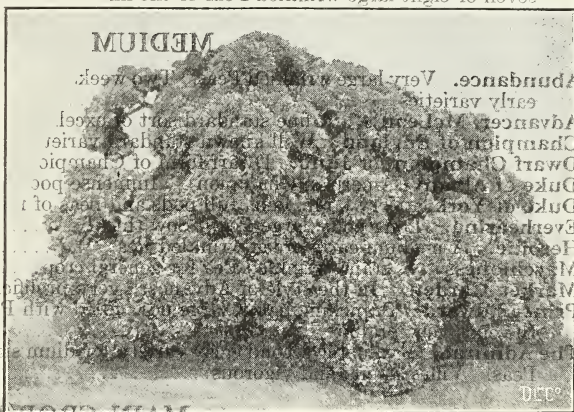
Sow as early as possible in Spring, first soaking the seed three hours in water; cover lightly, raking the soil fine and level on top. The drills should be about 15 inches apart. The plants appear in two to four weeks. Thin to 3 inches apart.

Marshall's Dwarf Perfection. A dwarf and compact Parsley of bright green color, Pkt. exquisitely curled... \$0.10 \$0.35 \$1.00			
Marshall's Crested Gem. Fine closely cut foliage with dwarf compact habit..... .10 .50 1.50			
Extra Double Curled. A beautiful curled dwarf variety..... .05 .20 .50			

Moss Curled. A distinct variety; beautifully crimped and curled.

Turnip Rooted. Grown for its roots which are used in flavoring soups.

Plain. A plain-leaved variety; fine for flavoring.



Marshall's Dwarf Perfection Parsley

PARSNIP

Sow Parsnip seed as early in Spring as the weather will permit, in drills from 15 to 18 inches apart, covering with fine soil to the depth of half an inch. The soil should be rich and deep; manured if possible, the previous Autumn. Thin out the young plants to about 6 inches apart and keep the surface of the ground open and free from weeds. It is perfectly hardy and may remain in the ground through the Winter. Indeed, the fine sugary flavor is only perfected by a severe frost.

Marshall's Marrow. A grand selection, clean white, long roots, fine for Pkt. exhibition and family use. The finest stock in this country. \$0.10 \$0.30 \$0.80 \$2.50			
American Hollow Crown. Long, smooth and milky white..... .25 .75 2.25			
Early Round. Adapted to shallow soils; early and good flavor..... .10 .30 .80 2.25			

PEAS

One quart will plant about 150 feet of drill.

Peas mature earliest in a light rich soil; for general crop a rich loam is the best. When grown in gardens sow in double rows 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March and continue for a succession every two weeks until July.

The Crops of Garden Peas in 1919 for seed purposes were almost a total failure. Our stocks are limited on some varieties and we will substitute other kinds in case we cannot supply the varieties ordered.

EXTRA EARLY PEAS

	Height in feet	$\frac{1}{2}$ Pint	Pint	Quart	4 Qts.
Alaska. One of the very earliest blue Peas; quite productive.....	2½	\$0.20	\$0.35	\$0.70	\$2.50
Blue Bantam. A fine extra early wrinkled Pea. Large pods well filled with deep green, fine flavored peas.....	1½	.25	.45	.90	3.50
Extra-Early Market, Marshall's. A standard extra early Pea; pro- ductive and profitable to grow.....	2½	.25	.50	1.00	3.50
First of All. Selected strain of extra earlies.....	2½	.25	.45	.90	3.25
Gradus. The finest extra-early Pea. The pods are very large and well filled, with large wrinkled green peas.....	3	.30	.60	1.20	4.50
Laxtonian. Very large, dark green, curved pods and Peas of finest flavor; great yielder; very early.....	1½	.30	.60	1.20	4.50
Little Marvel. Crop failed.....	2				
Nott's Excelsior. Splendid early wrinkled sort; very prolific.....	1	.25	.50	1.00	3.50
Sutton's Excelsior. An extra-early dwarf wrinkled Pea; pods filled with large peas of the finest flavor.....	1	.30	.60	1.20	4.50
Superb Laxton's. Early semi-wrinkled variety.....	1½	.30	.60	1.20	4.50
Thomas Laxton. Very productive. The pods are large and contain seven or eight large wrinkled Peas of the finest flavor.....	3	.30	.60	1.20	4.50

MEDIUM CROP PEAS

Abundance. Very large wrinkled Peas. Two weeks later than the extra early varieties.....	1½	.25	.50	1.00	3.50
Advancer, McLean's. A fine standard sort of excellent quality.....	2½	.25	.45	.90	3.50
Champion of England. Well known standard variety. Sow thickly..	5	.25	.50	1.00	3.75
Dwarf Champion, or Juno. Dwarf form of Champion of England....	2	.25	.50	1.00	3.50
Duke of Albany (American Champion). Immense pods.....	5	.25	.50	1.00	3.50
Duke of York. Very large, long, full pods and peas of fine flavor....	3	.25	.50	1.00	3.50
Everbearing. Long pods, large Pea. Sow thickly.....	2½	.25	.50	1.00	3.50
Heroine. A medium early green wrinkled Pea.....	2	.25	.50	1.00	3.50
Marchioness. A grand wrinkled Pea for general crop.....	3	.30	.60	1.20	4.50
Market Garden. In the style of Advancer; very prolific.....	2½	.25	.50	1.00	3.50
Prince Edward. Branching habit, large pods filled with Peas right to the end; very prolific.....	4	.30	.60	1.20	4.50
The Admiral. A valuable second early variety; medium size deep green Peas. Vines strong and vigorous.....	4	.20	.40	.80	3.00

MAIN CROP PEAS

Alderman. One of the finest of the large podded main crop varieties. Pods measure nearly six inches, well filled.....	5	.25	.50	1.00	3.50
Quite Content. A giant podded variety, very prolific.....	5	.30	.60	1.20	4.50
Stratagem. Very large pods, Peas of finest quality.....	1½	.25	.50	1.00	3.50
Telephone. A tall growing late sort, having pods of very large size, containing six or seven peas of delicious flavor.....	5	.25	.50	1.00	3.50
Telegraph (L. I. Mammoth). Large pods and Peas; excellent.....	4	.25	.50	1.00	3.50
White Marrowfat. A favorite; heavy yielder.....	4	.20	.40	.80	3.00
Black-Eyed Marrowfat. Very hardy and prolific; for market.....	3	.20	.40	.80	3.00

SUGAR PEAS (Edible Pods)

In Sugar Peas the pods are gathered, broken and cooked like string-beans when the Peas start to develop in the pod or have reached about half their full size.

Gray-Seeded Sugar. Immense pods.....	3	.20	.40	.80	3.00
Tall Melting Sugar. One of the best edible pod sorts.....	5	.25	.50	1.00	3.50

"Mulford Cultures" Peas yield earlier, longer and better crops when treated with **Mulford Cultures**.
Small size, $\frac{1}{8}$ acre, 25c.; garden size, $\frac{1}{4}$ acre 50c.

PEPPER

One ounce will produce 2000 plants

Sow in hotbeds in March, and when the soil has become warm, set in rows 2 feet apart and 18 inches in the rows; hoe frequently. The plants may also be forwarded in small pots.

	Pkt.	½ oz.	Oz.	¼ lb.
Cayenne, Long Red. Bright red slender pods; 3 inches long.....	\$0.10	\$0.40	\$0.75	\$1.50
Chinese Giant. Very large; bright scarlet.....	.10	.50	1.00	3.00
Large Bell, or Bull Nose. Large, bright red; largely used for pickling, mild flavor.....	.10	.50	1.00	3.00
Magnum Dulce. Very large; flesh mild and sweet.....	.10	.50	1.00	3.00
Marshall's Perfection. (Pimiento.) Very smooth and uniform in shape; sweet and delicate, and entirely free from pungency. Color when ripe a beautiful scarlet red.....	.10	.50	1.00	3.00
Red Chili. Very productive; very small; red and very pungent.....	.10	.40	.75	2.50
Ruby King. Bright red, 4 to 6 inches long; best for stuffing.....	.10	.50	1.00	3.00
Sweet Mountain. Large size; regular handsome shape; mild flavor.....	.10	.50	1.00	3.00
Sweet Spanish. Large; mild; used for salad.....	.10	.50	1.00	3.00
Upright Sweet Salad. Color bright scarlet; flesh mild and very sweet. As large as Ruby King and are borne upright clear of the ground.....	.10	.50	1.00	3.00

POTATOES

GROWN EXPRESSLY FOR SEED IN MAINE

Peck will plant 100 ft. row. Ten bushels cut tubers will plant 1 acre.

The Potato, like the robust-growing vegetable can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited to it is a sandy loam. Manure is applied either in rows or hills or broadcast over the hills and ploughed in—the latter in most cases being preferable. In highly enriched soils the plants are more liable to disease than when grown in soil that is naturally good. Plant as early in Spring as the ground can be had in fair working order, in hills or ridges, about 3 feet apart, cover lightly with soil, about 4 inches deep.



Irish Cobbler Potato

	Peck	Bus.	Bag
Beauty of Hebron. Slightly flesh colored skin, with pure white flesh; very productive and of the finest quality.....	\$1.00	\$4.00	\$10.00
Bovee. Extra early; fine quality; flesh white.....	1.00	4.00	10.00
Dibble's Russet. This is the best main crop Potato in cultivation. The tubers are round to oblong in shape, good size, white flesh and covered with a russet skin. The quality when cooked cannot be excelled. It also has great disease-resistant and blight-proof properties.....	1.00	4.00	10.00
Early Rose. Very early; fine quality; very productive, skin shaded rose color.....	1.00	4.00	10.00
Green Mountain. Oval shape; white skin and flesh; heavy yielder; good for Winter use.....	1.00	4.00	10.00
Irish Cobbler. One of the best extra early varieties; very large white and heavy cropper; of excellent quality.....	1.00	4.00	10.00

Owing to being unable to obtain certified stock we have eliminated several varieties from our list this season.



Potato Seed Balls—One-third Size

At the time of going to press with this Catalogue the Potato market is so unsettled that prices are subject to change. We request those desiring Seed Potatoes to write for prices on the quantities wanted and we will give quotations by mail.

Unpriced orders will be filled at the prevailing market prices at time of shipment.

Potatoes are forwarded by express or freight as directed, purchaser paying charges.

POTATOES FROM SEED

Growing new and distinct Seedling Potatoes from the seed ball is interesting. They will produce new kinds, shapes, sizes and colors. All valuable new varieties are produced from just such seeds. Pkt. 15c.

PUMPKIN

One ounce will plant 50 hills.

The common practice is to drop two or three seeds in every second or third hill in the Cornfield, but if cultivated on a large scale the seed may be sown in hills 8 feet apart each way, four plants to each hill, and otherwise treated in the same manner as Melons or Cucumbers.

	Pkt.	Oz.	¼ lb.	Lb.
Connecticut Field. Grown in Corn fields for stock.....	\$0.05	\$0.20	\$0.60	\$1.50
Cushaw Striped. A splendid striped crook-neck variety.....	.10	.25	.75	2.50
Early Sugar. Fine grained; small; yellow.....	.05	.20	.60	2.00
Large Cheese. Flat; the best variety for small family use.....	.05	.20	.60	2.00
Mammoth King. Grows to an enormous size.....	.10	.25	.75	2.50
Mammoth Tours. A very large French variety.....	.10	.25	.75	2.50
Quaker Pie. Very prolific and a good keeper; fine for pies.....	.10	.25	.60	2.00

RADISH

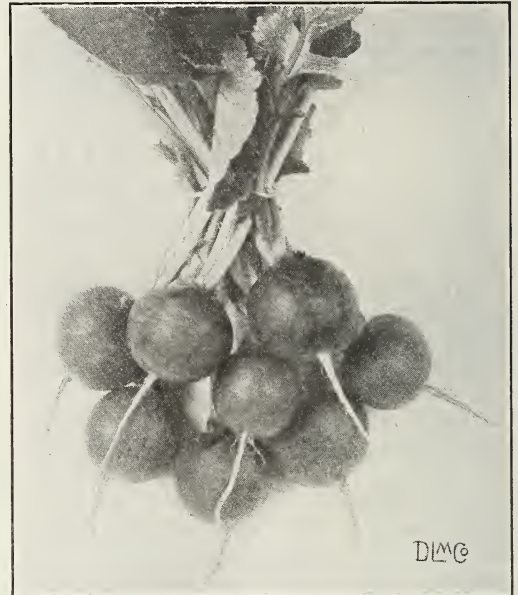
One ounce of seed will sow 150 feet of drill.

Radishes require a light, loamy soil, moderately fertile, which should be deeply dug and well pulverized. The situation should be warm and sheltered. For an early supply sow in January or February in hotbeds, keeping well ventilated. In May they may be sown out-of-doors. Successive sowings should be made every two weeks. Radishes to be crisp and tender should make a rapid growth.

Winter varieties should be sown in July and August.

FORCING VARIETIES

	Pkt.	Oz.	¼ lb.	Lb.
Early Scarlet Turnip Forcing. Crisp; very early.....	\$0.10	\$0.30	\$0.75	\$2.50
Deep Scarlet Turnip Forcing or Non Plus Ultra. Round, short leaved, crisp; very early.....	.10	.30	.75	2.50
Scarlet Turnip White-Tipped Forcing. Round, very early....	.10	.30	.75	2.50
Early Scarlet Globe. Fine for forcing or open ground.....	.10	.25	.75	2.50
French Breakfast Forcing (White-tip Rocket). Very rapid growing; tender and crisp.....	\$0.10	\$0.30	\$0.75	\$2.50



Early Scarlet Turnip Radish

OUTDOOR VARIETIES

Turnip, Marshall's Perfection. Brilliant red with white tip extending nearly half way up the root.....	.10	.30	1.00	3.00
Turnip, Early Scarlet. Very early. The French favorite.....	.05	.20	.60	2.00
Turnip, Scarlet White-Tipped. Very early for frames or outdoors.....	.05	.20	.60	2.00
Turnip, Early White, or Box. Flesh pure white and sweet.....	.10	.25	.60	2.00
Turnip, Crimson Giant. Suitable for forcing or outdoors; flesh very tender and crisp.....	.10	.25	.75	2.50
Turnip, Triumph (Speckled Beauty). Very prettily striped or mottled scarlet or white; fine forcer.....	.10	.25	.75	2.50
Turnip, Large White Summer. Of large size; roundish shape.....	.10	.25	.60	2.00
Olive-Shaped French Breakfast. Pink and white; early.....	.05	.20	.60	2.00
Olive-Shaped Deep Scarlet. Crisp; very early.....	.10	.25	.60	2.00
Olive-Shaped White. Mild and fine for Summer.....	.10	.25	.60	2.00
Long Scarlet Short Top. Very long; for frames or outdoors.....	.10	.25	.60	2.00
Long White Vienna, or Lady Finger. Crisp and tender in Summer.....	.10	.25	.60	2.00
Long Icicle. Pure white; of fine flavor; suitable for forcing.....	.10	.25	.60	2.00

WINTER VARIETIES

Scarlet Chinese. Very handsome and distinct and keeps well.....	.10	.25	.60	2.00
Long Black Spanish. The popular Winter sort.....	.10	.25	.60	2.00
Half-Long Black Spanish. Very fine strain.....	.10	.25	.60	2.00
Round Black Spanish. Fine for Winter.....	.10	.25	.60	2.00
California White Mammoth. A very large Winter variety.....	.10	.25	.60	2.00
Sakurajima (Mammoth Japan). The largest sort in cultivation.....	.10	.30	.75	2.50

RHUBARB

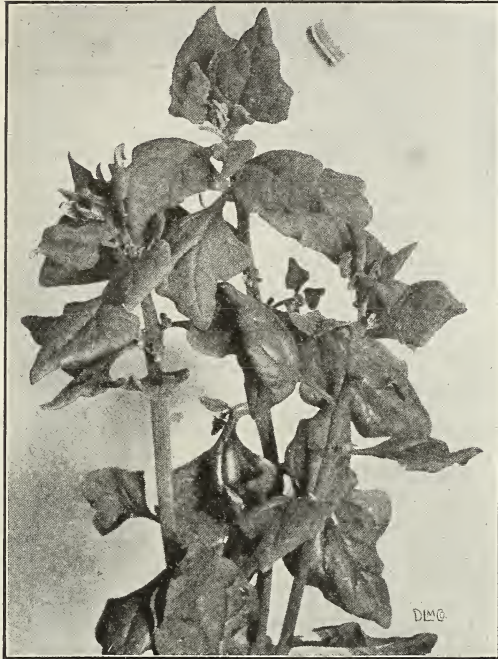
One ounce will produce 1,000 plants

Sow in April in drills 18 inches apart. When the plants are strong enough, thin out to 6 inches. In the Fall or following Spring, transplant the root into deep, rich soil, 3 feet apart each way.

Victoria. Very large; later than the Linnæus. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Rhubarb Roots. Extra strong. Each 20c., doz. \$2.00, 100 \$15.00.

Rhubarb Roots. For forcing. Each 30c., doz. \$3.00, 100 \$25.00.



New Zealand Spinach

started in a hot bed and transplanted or sown out-of-doors when the ground is warm, allowing 2 feet between the plants.

Long Standing. Of delicious, tender quality; dark green. The longest standing before going to seed. .05 .15 .40 1.25

Savoy-Leaved, or Bloomsdale. Large, tender curled leaves. .05 .15 .40 1.25

Round Thick-Leaved. The variety in most general use; equally good for Spring or Autumn sowing. .05 .15 .40 1.25

Victoria. A new variety with thick dark-green leaves. Best long standing Spinach. Pkt. Oz. $\frac{1}{4}$ lb. Lb.
\$0.05 \$0.15 \$0.40 \$.25

Viroflay Thick-Leaved. A standard sort, equally good for early Spring or Fall sowing, leaves are thick, succulent and tender. .05 .15 .40 1.25

Prickly, or Winter. Vigorous and hardy, recommended for Fall sowing. .05 .15 .40 1.25

SORREL

One ounce will sow 150 feet of drill.

Used cooked as Spinach or to mix with salads. Sow in shallow drills 12 inches apart, and thin out the young plants to 6 inches.

Large-Leaved French. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

SWISS CHARD, OR SPINACH BEET

This Beet produces leaves only; excellent as greens. Cultivate same as Spinach, sowing the seed in early Spring, in drills $1\frac{1}{2}$ feet apart. Good cultivation will increase the delicacy and tenderness of the leaves.

Swiss Chard. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Giant Lucullus. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.75.

SALSIFY, OR OYSTER PLANT

One ounce will sow 150 feet.

A most delicious vegetable. It is used stewed, boiled, or fried, and sometimes as a salad. When cooked it has an oyster flavor. Sow seed from April to May in drills 18 inches apart. Cultivate the same as for Carrots or Parsnips.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Mammoth Sandwich Island.			
True. Large and superior; very fine flavor.	\$0.10	\$0.50	\$1.50

Long Black, or Scorzonera.			
Resembles long white, but black.	.10	.50	1.50

SPINACH

One ounce will sow 200 feet of drill, 10 to 12 lbs. an acre.

This is best developed and most tender and succulent when grown in very rich soil. For Summer use sow early in Spring in drills 15 inches apart, and make successive sowings every two weeks. For Spring use sow in September, and cover lightly in November with light litter.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
New Zealand. Makes a low spreading plant from which delicious, tender greens can be gathered the entire Summer. May be				



Swiss Chard



Hubbard Squash

SQUASH

*One ounce Early Squash will plant about 50 hills.
One ounce Marrow Squash will plant about 25 hills.*

The Squash succeeds best in good rich soil. It is not advisable to plant before May 15th. Sow in hills in the same manner as Cucumbers and Melons. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects.

BUSH VARIETIES

Improved Early White Bush Scallop. A good early shipping variety. Pkt. 10c. oz. 25c., $\frac{1}{4}$ lb. 75c.

Giant Summer Crookneck. Double the size of Summer Crookneck. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Golden Custard. Fine quality and cooks tender. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Golden Summer Crookneck. Yellow fruit; distinct; best for Summer.....	\$0.10	\$0.35	\$1.25
Cocozelle Bush. A fine variety; oblong shape; skin smooth, dark green, marbled yellow or pale green.....	.10	.30	1.00
Yellow Bush Scallop. The popular yellow variety.....	.10	.30	1.00

RUNNING VARIETIES

Boston Marrow. Oval; bright orange; flesh yellow and fine.....	.10	.25	.75
Delicious. Green skin; orange flesh; fine grained; sweet and dry.....	.10	.35	1.25
Essex Hybrid. Large round, flattened turban shape; very hard shell. A good Fall and Winter sort.....	.10	.25	.75
Fordhook. A desirable variety for Summer and Winter use; fruit oblong in shape, smooth yellow skin, flesh light yellow.....	.10	.35	1.00
Golden or Red Hubbard. Flesh deep golden yellow; fine for private use.....	.10	.30	1.00
Improved Hubbard. Well known and liked for late use.....	.10	.30	1.00
Hubbard Mammoth Warted. Very large, covered with warts. Fine keeper.....	.10	.35	1.00
Mammoth Chili. Rich orange flesh; grows to an enormous size.....	.10	.30	1.00
Perfect Gem. Round, white, fine quality; good for Fall or Winter.....	.10	.30	.75
Winter Crookneck. One of the best Winter sorts.....	.10	.30	.75
Vegetable Marrow. A favorite English sort; skin greenish yellow; flesh white.....	.10	.30	.75

ENGLISH VEGETABLE MARROWS

The following varieties are well adapted for growing in this climate.

	Pkt.	Oz.
Long Green Bush. Fruits		
long pale green; rich flavor.....	\$0.10	\$0.40
Long White Bush. Creamy white; very prolific.....	.10	.40
Long Cream. Very long, pale cream color; trailing sort.....	.10	.40



White Bush Vegetable Marrow

TOBACCO SEED

One ounce will produce plants for one acre.

Connecticut Seed Leaf. Suitable for growing in these latitudes; used for cigar wrappers. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.50.

Imported Havana. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.50.

Before ordering HARDY PLANTS and NURSERY STOCK see our forty-page descriptive NURSERY CATALOGUE. Mailed on request.



TOMATO

One ounce will produce 1,000 plants.

Sow thinly about the first week in March in a hotbed, greenhouse, window or sitting room, where the temperature is never below 60 degrees. When 2 inches high, set out the plants in boxes about 4 inches apart, or pot singly. About the first of June they may be transferred to the open ground. Set them deeply 4 feet apart.

	Pkt.	$\frac{1}{4}$ oz.	Oz.
Marshall's Prolific. The finest medium-sized Tomato for forcing or outdoor planting. Pkt.	$\frac{1}{4}$ oz.	Oz.	
It is an enormous cropper, producing large clusters of bright scarlet fruit.....	\$0.25	\$2.00	\$4.00
Comet. Beautiful, smooth, round fruit in great abundance. Color a rich scarlet red...	.25	1.00	2.00
Best of All. An excellent sort for forcing or early outdoor crop.....	.25	1.00	2.00
Stirling Castle. Excellent for forcing as well as outdoor culture. Fruit medium size.	.25	1.50	3.00
Sunrise. A fine forcing variety; rich scarlet color.....	.25	1.50	3.00
Winter Beauty. Fine forcer, fruits of good size, smooth and deep color.....	.25		
Acme. Medium size fruit, of purple pink color, tinged with purple.....	.10	.25	.50
Coreless, Livingston's. Bright red, almost round and free from core.....	.10	.25	.50
Crimson Cushion. Extra large, handsome, bright crimson.....	.10	.30	.60
Dwarf Champion. The plant is of dwarf and compact growth.....	.10	.25	.50
Dwarf Stone. Color bright scarlet, perfect shape; resembles Dwarf Champion, but with larger fruit.....	.10	.25	.50
Earliana. Extra early; bright red; smooth.....	.10	.25	.50
Early Ruby. The earliest large Tomato grown; rich crimson color.....	.10	.25	.50
Golden Queen. A good yellow sort; first-class quality; large and solid.....	.10	.25	.50
John Baer. A beautiful, brilliant red variety; perfect, solid, high crown fruits.....	.10	.40	.75
Marshall's National. A very early, bright red, coreless variety.....	.25	1.00	2.00
Matchless. Extra large, smooth and handsome; bright red; very solid.....	.10	.25	.50
Perfection. Early, regular and productive; reddish scarlet.....	.10	.25	.50
Ponderosa. The largest variety in cultivation; very solid and meaty.....	.10	.40	.75
Stone. Very large, perfectly smooth; fine, bright scarlet.....	.10	.25	.50

SMALL FRUITED TOMATOES

Red Cherry. Small fruits; used for pickles; very handsome.....	.10	.30	.60
Red Currant. Very small fruits; for preserves.....	.10	.30	.60
Red Peach. Resembling a Peach; for preserves, pickles and exhibition.....	.10	.30	.60
Red Pear. Fruit handsome and solid; fine for preserves.....	.10	.30	.60
Red Plum. Bright red, round, regular; for pickles.....	.10	.30	.60
Strawberry (Winter Cherry, or Husk Tomato). Makes fine sauce.....	.10	.30	.60
Yellow Cherry. For pickles and preserves.....	.10	.30	.60
Yellow Peach. Beautiful clear yellow; perfectly resembles a Peach.....	.10	.30	.60
Yellow Pear. Handsome, yellow, Pear-shaped fruits.....	.10	.30	.60
Yellow Plum. Round and regular; bright yellow.....	.10	.30	.60

TURNIP

One ounce will sow 200 feet of drill.

Turnips do best on highly enriched, light sandy or gravelly soil. Commence sowing the earliest varieties in April, in drills, from 12 to 15 inches apart, and thin out early to 6 or 9 inches in the rows. For a succession, sow at intervals of two weeks, until the middle of August.

	Pkt.	$\frac{1}{4}$ oz.	Oz.	$\frac{1}{4}$ lb.	Lb.
Early Milan, Purple Top. Earliest of all, white with purple top.....	\$0.10	\$0.20	\$0.40	\$1.25	\$4.00
Early Milan Pure White, Selected. Very handsome, pure white and as early as the above; flesh very sweet and tender.....	.10	.20	.40	1.25	4.00
Early Snowball. Small, and rapid growth; pure white.....	.05	.15	.25	.75	2.00
Cow Horn. Long, white; in shape resembles a cow's horn.....	.05	.15	.25	.75	1.75
Golden Ball. Very handsome; keeps fairly well.....	.05	.15	.25	.75	2.00
Quicksilver. A perfect shaped, round, white skinned, with solid white flesh variety. Very quick growing and fine for exhibition.....	.10	.20	.35	1.00	3.00
Red Top, Strap Leaf. The popular Fall flat sort.....	.05	.15	.25	.75	2.00
Red Top, Globe-shaped. A standard sort in the New York market..	.05	.15	.25	.75	2.00
White Egg. Oval, handsome and sweet.....	.10	.15	.25	.75	2.00
White Strap Leaf Flat. A good early white flat sort.....	.05	.15	.25	.75	2.00
Yellow Globe. Good and sweet; keeps fairly well.....	.05	.15	.25	.75	2.00
Yellow Stone. Fine, hard-Winter sort.....	.05	.15	.25	.75	2.00
Yellow Aberdeen. A hardy and productive variety of excellent quality..	.10	.15	.25	.75	2.00

RUTA-BAGA

Seed should be sown the end of June or July. Desirable for table use and feeding stock.

American Purple Top. A strain of Purple top yellow.....	.05	.15	.25	.75	2.00
Champion Purple Top. Very large.....	.10	.15	.25	.75	2.00
White-Fleshed. Large and productive.....	.10	.15	.25	.75	2.00

HERBS—SWEET AND MEDICINAL

	Pkt.	Oz.		Pkt.	Oz.
Anise. Seeds aromatic.....	\$0.10	\$0.30	Horehound. Has medicinal qualities.	.10	.40
Balm. For culinary purposes.....	.10	.40	Lavender. For oil and distilled water.	.10	.45
Basil, Sweet. Culinary herb used for			Marigold, Pot. Single. For medi-		
flavoring soups, etc.....	.10	.30	nal purposes.....	.10	.25
Borage. Leaves used as a salad.....	.10	.25	Marjoram, Sweet. Used in season-		
Caraway. Used in flavoring bread...	.05	.20	ing.....	.10	.50
Catnip. Has medicinal qualities.....	.10	1.00	Mint. Peppermint.....	.25	
Dill. Seeds used for flavoring.....	.05	.20	Rosemary. Yields an aromatic oil...	.10	.70
Fennel, Sweet. Seeds aromatic; for			Sage, Broad Leaf. A culinary herb...	.10	.50
flavoring.....	.05	.25	Savory, Summer. A culinary herb...	.10	.50
Fennel, Florence. In flavor resem-			Thyme, Broad-leaved English. Used		
bling Celery.....	.05	.25	as a seasoning.....	.10	1.00
Hyssop. Has medicinal qualities.....	.10	.40	Wormwood. Has medicinal qualities.	.10	.50

BIRD SEEDS, ETC.

	Per lb.		Per lb.
CANARY. Best Sicily.....	\$0.25	MILLET, AMERICAN.....	4 lbs. 50c. \$0.15
CANARY SEED, Mixed.....	.25	RAPE.....	2 lbs. 35c. .20
FISH FOOD.....	Pkg. 10c.	SUNFLOWER SEED. For Parrots.....	.20
GRAVEL FOR CAGES.....	Qt. 10c.	CUTTLEFISH BONE.....	.60
HEMP.....	5 lbs. 90c. .20	THISTLE SEED.....	.40
LETTUCE SEED.....	Oz. 5c. .30		

Prices of Bird Seed are subject to change of Market Values throughout the year.

VEGETABLE PLANTS AND ROOTS

Prices of Vegetable Plants are subject to change at time shipments are made.

Artichoke Plants, Globe, Selected Large Green. Ready April 1st. Doz. \$2.50, 100 \$16.00.	Horse Radish Sets, New Bohemian. A new va- riety, which produces roots of enormous size and succeeds in every soil. Doz. 20c., 100 \$1.00.
Asparagus Roots. See page 5.	Kale, or Borecole (Siberian or Curled Scotch). Doz. 25c., 100 \$1.25.
Brussels Sprouts. Doz. 25c., 100 \$1.50.	Kohl-Rabi (White Vienna). Doz. 25c., 100 \$1.75.
Cabbage Plants. For April and May delivery. Doz. 30c., 100 \$1.75. Delivery July and August. 100 \$1.00, 1000 \$7.00.	Lettuce. Ready in April and May. Boston Mar- ket, Paris Cos. Doz. 25c., 100 \$1.75.
Cauliflower Plants. Snowball and Selected Er- furt. Pot-grown; ready April and May. Doz. 50c., 100 \$3.50.	Parsley (Double Curled). Doz. 25c., 100 \$1.75.
Celery (Golden Self Blanching). White Plume, Winter Queen or Giant Pascal. Extra strong, transplanted plants. Delivery June and July. Doz. 25c., 100 \$1.25, 1000 \$10.00.	Peppers. Ready in May and June. (Bell or Bull Nose). Long Red Cayenne. Doz. 50c., 100 \$3.50.
Chicory Roots. Strong for forcing. Doz. \$1.25, 100 \$9.00.	Rhubarb Roots, Victoria. Strong roots. Each 20c., doz. \$2.00, 100 \$15.00.
Egg Plants. Ready in May and June. Grown in pots. Doz. \$1.00, 100 \$7.00.	Sea Kale Roots. For forcing. Doz. \$2.50, 100 \$18.00.
Hop Vine Roots. Each 25c., doz. \$2.50.	Sweet Potato Plants. Ready in May and June. 100 65c., 1000 \$5.50.
	Tomato Plants. Ready in May and June. Acme, Dwarf Champion, Perfection, Ponderosa, Stone, etc. Doz. 40c., 100 \$3.00. Small Fruit Varieties. Doz. 60c. Pot-grown plants. Doz. 60c.

Vegetable Plants will be shipped by express in due time for planting at purchaser's risk only.
We carry a supply at our store in their respective planting seasons.

PLANTS OF HERBS

To meet the increasing demand for plants of the most popular herbs, we can supply the following:

	Each	Doz.		Each	Doz.
Balm.....	\$0.25	\$2.50	Mint (Peppermint).....	\$0.25	\$2.50
Chives.....	.25	2.50	Rosemary.....	.25	2.50
Horehound.....	.25	2.50	Sage, Common.....	.25	2.50
Hyssop.....	.25	2.50	Savory, Winter.....	.25	2.50
Lavender, True.....	.25	2.50	Thyme, French.....	.25	2.50
Marjoram, Pot.....	.25	2.50	Tarragon.....	.35	3.50



FARM AND FIELD SEEDS

BARLEY

48 lbs. to the bushel, 2 bushels to the acre.

	Peck	Bush.
Spring Barley. A good standard sort.....	\$1.25	\$4.50
Beardless, Spring. This variety is free from beards.....	1.25	4.50

BEANS

Sow $\frac{1}{2}$ to $\frac{3}{4}$ bushels to the acre.

Pea or Navy Beans. Used when dry for cooking.....	Market price	
Soja Bean, Hollybrook Early. Valuable as a forage crop and for fertilizing the soil. Thrives well in hot and dry weather. Sow broadcast $\frac{1}{2}$ bushel to acre, or plant in drills 3 feet apart and 1 foot between plants.....	\$1.75	\$6.00
Velvet Bean. Used as a forage plant, and as a fertilizing plant for turning under. Stock readily eat the vines and leaves. Plant in rows 4 feet apart and 1 foot in the row.....	1.75	6.00

BROOM CORN

	Lb.	100 lbs.
Evergreen. Succeeds in a good, deep soil; it is very sensitive to cold. Sow 10 lbs, to acre..	\$0.25	\$20.00

BUCKWHEAT

48 lbs. to the bushel. Sow 1 bushel to the acre.

	Peck	Bush.
Japanese. Earliest and most productive of the Buckwheats.....	\$1.25	\$4.50

FIELD CORN

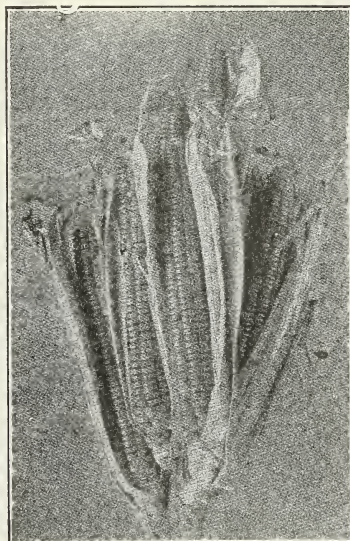
8 quarts will plant 1 acre in hills, 3 bushels will sow 1 acre broadcast.

FLINT VARIETIES

Early Yellow Canada. A very desirable variety. Ears rather small, 8-rowed and deep grained. The earliest Flint Corn, usually ripening in August and producing a large yield.....	Peck	Bush.
	\$1.75	\$6.00
Golden Nugget. Very early, large ears, which average from 12 to 15 inches long.....	2.00	7.00
Longfellow. A very large-eared flint variety, grown very extensively in this vicinity for its productiveness. Ears 8-rowed, often 14 to 15 inches long, with small cob and deep kernels.....	1.75	6.00
Luce's Favorite. A hybrid between the Yellow Flint and Golden Dent. Ears large and abundant foliage Valuable for ensilage or as a shell corn.....	1.75	6.00
Sanford White Flint. Of spreading habit, long ears and very tall. Valuable for fodder.....	1.75	6.00

DENT VARIETIES

Early Leaming. This variety is similar to Improved Leaming but is fully two weeks earlier in maturity..	1.75	6.00
Improved Leaming. Large, handsome ears, deep-grained and of a deep orange color. An early-maturing variety distinctly Dent, and a great yielder.....	1.50	5.50



FODDER AND ENSILAGE VARIETIES

Early Golden Surprise. This is a cross between the Eureka and a Dent. The cob is small, with very long grain, maturing very early and adapted for Northern climate. A very heavy yielder.....	Peck	Bush.
	\$1.50	\$5.50
Eureka. One of the finest and most productive field Corns grown. The plants grow 12 to 15 feet high. Valuable for ensilage or as a yellow dent Corn.....	1.50	5.50
Southern Horse Tooth. A large, leafy grower, especially valuable for ensilage.....	1.35	5.00
Sweet Fodder. Succulent and nutritious for feeding green.....	1.25	5.00

Longfellow Corn

Prices on all Farm Seeds are subject to market fluctuations.

MILLET

Golden. Very large crop, though not so early as Hungarian. Grows 3 to 5 feet high. Requires good soil. Sow 1 bushel to the acre, 48 lbs. to the bushel.....

Market price

Hungarian. A favorite Summer forage crop. Sow in June, can be cut in about 60 days. Will yield two to three tons of hay per acre. Withstands heat and drought well. Plant about 3 pecks to 1 bushel per acre, 48 lbs. to the bushel.....

Market price

Japanese. Sometimes called Barnyard Millet. Grows very tall, 6 to 7 feet; makes valuable forage and is the greatest yielder of all the Millets. Sow about 15 lbs. per acre, 35 lbs. to the bushel.....

Per lb.	Bus.	100 lbs.
\$0.20	\$4.20	\$12.00

OATS

Sow 2 to 3 bushels to the acre, 32 lbs. to the bushel.

Storm King. The heads measure from 8 to 10 inches and the kernels are of immense size, thick, plump and heavy. It is very early, has great length of straw, producing 70 bushels per acre. We can safely say it is the greatest producer of any variety of Oats grown in this country. Bus. \$3.00.

White Tartar. A remarkably handsome and perfect white oat, extremely early, in fact, the earliest variety in cultivation. It is an enormous cropper. The straw is long, very strong, and holds up well. The heads are large and well filled. Pk. 50c., bus. \$2.75, 10 bus. or over, \$2.65 per bus.

Regenerated Swedish Select. Popular for its heavy yields and especially adapted for light soils. Very strong straw and branching habit. Bus. \$2.75, 10 bus. lots, \$2.65 per bus.



Field of Storm King Oats

Bumper Crop. A very large and plump O t. Vigorous and heavy cropper. Bus. \$2.50.



[Dwarf Essex Rape

PEAS

Canada Field. Valuable for cattle feeding Also used for ensilage. Sown broadcast in the Spring at the rate of two bushels to the acre. Market price.

Cow Peas, Clay. This variety is of extra strong growth and specially adapted for sowing in Northern States. A first-class green fertilizer; does well on all sorts of soils and under adverse conditions. The feeding value, also, whether in a green or cured state, cannot be overestimated. Sow 2 bushels per acre, 60 lbs. per bushel. Bus. \$5.00.

Cow Peas, Whippoorwill. A very early maturing variety of upright or bush growth. Bus. \$5.00

RAPE

Dwarf Essex. Fine for sheep pasture; valuable as a soil enricher. Plant in June or July in drills at the rate of 3 lbs. per acre, broadcast 5 lbs. per acre. Can be planted alone or with other forage crops. Lb. 30c., 100 lbs. \$20.00.

RYE

For grain, 1 bushel to the acre; for forage or soiling, 1½ bushels, 56 lbs. to the bushel.

Spring. This is excellent for a catch-crop, as it may be sown somewhat later than other grains Pk. Bus. and produces an abundance of green feed in the Summer season.....\$1.25 \$4.50

Giant Winter. This variety is fast gaining in popularity as a cover crop and produces an abundant crop of early green feed. If allowed to mature will produce a heavy crop of grain, and a fine quality of straw if cut about July 1..... 1.25 4.50

Prices on all Farm Seeds are subject to market fluctuations.



SORGHUM

- Early Amber Sugar-Cane.** The earliest and most productive variety. Height 10 to 12 feet. For ensilage or fodder it possesses good qualities; stock of all kinds relish it. Sow 7 lbs. in drills, or 15 lbs. broadcast, to acre.....\$0.15 \$12.00
- Kaffir Corn (White).** Excellent forage for horses and cattle, and excellent feed for poultry. Sow 4 to 5 lbs. per acre..... .15 12.00

SUDAN GRASS

A new forage crop of immense value. Sudan Grass is strictly an annual and dies each year like Millet and must be seeded again each Spring. Sudan Grass reaches a height of from 7 to 9 feet, yet the stems are small and tender. The plant stools wonderfully and produces under favorable conditions as many as 100 stalks from a single root. The seed should not be planted until the soil has become warm in the Spring and preferably on warm, light soil. Sudan Grass will grow better if planted in rows and cultivated, but may be sown broadcast seeded in rows 36 inches to 42 inches apart, 2 to 3 lbs. per acre broadcasted, 16 to 24 lbs. per acre. Cut just after bloom, so ample time may be had for second growth. Market price.

SUNFLOWER

- Mammoth Russian.** Very productive, large heads with large seeds. Valuable for poultry. Five pounds will plant 1 acre. Lb. 30c., 25 lbs. \$5.50, 100 lbs. \$20.00.

VETCHES, OR TARES

- Spring Vetches** (*Vicia sativa*). Closely associated with Peas in character. Highly valuable for soiling or for green manuring. Sometimes grown with Oats for mowing and feeding to stock. Use 40 to 60 lbs. to the acre. Sow in Spring while ground is cool and moist, or in early Autumn. Lb. 25c., 100 lbs. \$20.00.
- Winter Vetches** (*Vicia villosa*). Also called Sand Vetch, or Hairy Vetch. Recommended for Fall sowing with Rye, as in many localities in the North it is hardy, remaining green all Winter. A valuable food for stock in early Spring. Use 30 to 50 lbs. per acre. Market price.

WHEAT

The seed Wheat we offer is grown in Pennsylvania by a very reliable grower, especially for seed purposes. Sow $1\frac{1}{2}$ bushels to the acre.

- Marquis Spring.** A very early beardless Wheat that succeeds well in the east, producing larger yields than any other kind. Sow as early as possible about $2\frac{1}{2}$ bushels per acre. Bus. \$5.00
- Four-Rowed Fulz.** Red; hardy and very prolific, beardless..... Market price
- Golden Wave.** A grand large red grain, bearded variety..... Market price
- Lancaster Fulcaster.** Bearded red variety..... Market price
- Red Wave.** Has long, well-filled heads and large, heavy red grain. The heads are beardless and straw long and yellow..... Market price

Prices on all Farm Seeds are subject to market fluctuations.

CLOVERS

Prices subject to market changes.

	Quantity for acre	Per Lb.	Per Bushel	Per 100 lbs.
Alfalfa, or Lucerne (<i>Medicago Sativa</i>). One of the most valuable forage plants.....	20 lbs.		Market price	
Alsike (<i>Trifolium Hybridum</i>). The hardiest of all Clovers, can be cut several times in one season. Grows well on low, wet land.....	10 lbs.		Market price	
Crimson, or Scarlet Clover (<i>Trifolium Incarnatum</i>). An annual variety producing large crops of green foliage.....	20 lbs.		Market price	
Mammoth Red, or Pea Vine. Grows much taller than Medium Red Clover.....	10 lbs.		Market price	
Medium Red (<i>Trifolium Pratense</i>). This is the common Red Clover so largely grown throughout the country.....	15 lbs.		Market price	
Sweet Clover, Bokhara (<i>Melilotus alba</i>). Will grow on very poor soils; useful for ensilage and plowing under. Grows from 3 to 4 ft. high. Hulled seed.....	15 lbs.	\$0.50	\$27.00	\$45.00
White Clover (<i>Trifolium Repens</i>). The best variety for lawns; valuable in permanent pastures.....	10 lbs.	.80	45.00	75.00
Mixed Clover	10 lbs.		Market price	

GRASS SEEDS

For Pasture, Mowing and Lawn

Prices subject to market changes.

Canadian Blue Grass (<i>Poa Compressa</i>). A more rapid grower than Kentucky Blue Grass and equally good for pasture, but not as suitable for lawns. This is an excellent pasture grass for poor, dry land and should be more largely used for this purpose.....	Weight per bush. 14 lbs.	Lb. \$0.40	Bushel \$4.25	100 lbs. \$30.00
Creeping Bent Grass (<i>Agrostis stolonifera</i>). Desirable for mixing with other lawn or pasture grasses.....	15 lbs.	.80	11.00	
Crested Dogtail (<i>Cynosurus cristatus</i>). Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. It is very tender and nutritious at time of flowering. For parks this grass is well suited, because of its fine, close growth, and pleasant green color. It should form a portion of all mixtures for lawns.....	20 lbs.	.45	8.00	40.00
English Rye Grass (<i>Lolium perenne</i>). Produces a strong growth in four or five weeks after sowing. It cures into a hay that is rather hard, but having a sweet flavor and much relished by cattle and horses. Sow 60 lbs. to acre 24 lbs.		.25	5.50	22.00
English Rye Grass (<i>Pacey's</i>). A carefully selected short-seeded, dwarf-growing strain, suitable for lawns.....	24 lbs.	.30	6.50	25.00
Hard Fescue (<i>Festuca duriuscula</i>). A slender, densely tufted perennial grass, 1 to 2 feet high. Thrives on dry, sandy soils.....	14 lbs.	.45	5.75	40.00
Italian Rye Grass (<i>Lolium Italicum</i>). It is a very rapid grower, forms a dense turf, and is regarded as an excellent hay grass.....	22 lbs.	.30	5.75	25.00
Kentucky Blue Grass (<i>Poa pratensis</i>). A very widely distributed species, and without a rival as a pasture grass. Being of perennial habit, it will, when established, last indefinitely. One of the finest varieties of grasses for use in lawns, owing to the thick growth of sod.....	14 lbs.	.50	6.50	45.00
Meadow Fescue, or English Blue Grass (<i>Festuca pratensis</i>). Root creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted for permanent pastures. It grows rapidly in rich and rather moist soils, and makes an excellent pasture grass, its long, tender leaves being much relished by cattle. It should be always mixed with other grasses.....	15 lbs.	.40	5.00	35.00
Meadow Foxtail (<i>Alopecurus pratensis</i>). One of the best grasses for permanent pasture, and should always form a fair proportion of the mixtures for that purpose. Thrives best on a rich, strong soil.....	10 lbs.	1.00	9.00	
Orchard Grass . A good grass for hay crop, yielding nearly the same amount as Timothy and almost equal in feeding value. Orchard Grass will grow on almost every soil. It prefers a moderately dry soil with considerable sandy material. It is usually sown in the Spring, but with favorable conditions may be sown in the Fall. One of the best grasses for sowing in shady places and among fruit trees in orchards. 35 to 40 lbs. required for one acre.....	14 lbs.	.55	6.50	45.00
Red Fescue (<i>Festuca rubra</i>). Resist extreme drought; thrives on inferior soils, gravelly banks and exposed hills. 25 lbs. to acre.....	14 lbs.	.60	7.75	55.00
Red Top (<i>Agrostis vulgaris</i>). A highly recommended grass for permanent pasture and as meadow grass for hay. Red Top is especially valuable for sour and acid soils, and meadow lands, and those that are not rich enough for Timothy or Clover; it does not thrive on sandy or leachy soils, but will adapt itself to a wider range of soils than any other grass. Red Top makes one of the best grasses for lawn use, either sown alone or in connection with White Clover, or in a mixture with other grasses.....	30 lbs.	.40	10.00	32.50
Red Top, Fancy Cleaned . Use 14 to 16 lbs. to acre.....	14 lbs.	.25	3.00	20.00
Red Top, Unhulled . Use from 40 to 50 lbs. to the acre.....				
Rhode Island Bent (<i>Agrostis canina</i>). Root creeping; perennial; flowers in July. A most valuable permanent grass, largely used for pastures and lawns. Soil and treatment same as for Red Top.....	14 lbs.	.50		
Sheep Fescue (<i>Festuca ovina</i>). A small tufted, hardy grass, of value in mixture for lawns or dry soil.....			Market Price	
Tall Meadow Oat Grass (<i>Avena elatior</i>). A fibrous-rooted perennial; flowers in July; of luxuriant growth, and valuable in permanent pasture on account of its early and late growth.....	10 lbs.	.60	5.00	50.00
Timothy, or Herb Grass (<i>Phleum pratense</i>). The standard hay of commerce. The excellent quality of the hay and the ease of culture make it valuable. It is adapted to most soils, but succeeds best on moist loam and clay, and crops are subject to soil and climate. The most profitable crops are obtained the first and second seasons. Timothy sown alone requires about 20 lbs. per acre; when sown with Red Clover use 15 lbs. Timothy and 5 lbs. Red Clover.....	45 lbs.		Market price	
Wood Meadow Grass (<i>Poa nemoralis</i>). Excellent for shaded positions in lawns and woodland parks. Very hardy, resisting extremes of heat and cold. 14 lbs.		1.00	12.00	80.00



GRASSES FOR HAY CROPS AND PASTURES



MIXTURES FOR HAY AND PERMANENT PASTURES

The results obtained from our special Grass Seed mixtures are well known by the constantly increasing demand for them. Fall seeding is preferable, but Spring sowing will be successful if done early, while the land is cool and moist. In addition to the Grasses, we advise sowing 10 pounds of Mixed Clover Seed per acre

We recommend sowing 50 pounds to the acre.

PERMANENT PASTURE MIXTURE NO. 1. For cool and moist soils. Bus. (15 lbs.)

PERMANENT PASTURE MIXTURE NO. 2. For dry soils. Bus. (15 lbs.)

PERMANENT PASTURE MIXTURE NO. 3. For wet soils. Bus. (15 lbs.)

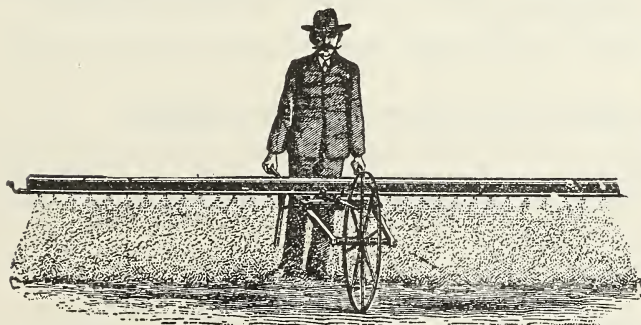
PERMANENT HAY MIXTURE NO. 4. For good, cool and moist soils. Bus (15 lbs.)

PERMANENT HAY MIXTURE NO. 5. For high, dry soils. Bus. (15 lbs.)

Price of any of the above Mixtures, 25 lbs. \$10.00, 50 lbs. \$20.00, 100 lbs. \$37.50.

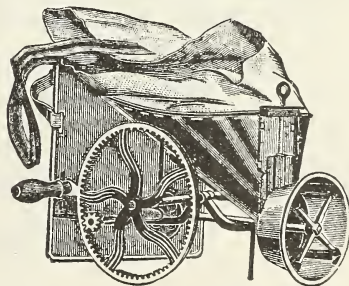
GRASS SEED SEEDERS

DOUBLE HOPPER WHEELBARROW SEEDER



This seeder will sow grass seeds as well as heavy seeds of all kinds. It can be regulated to sow any quantity per acre the whole length (14 feet) of the hopper and it does not clog up. Full directions with each seeder. Price \$14.50.

CAHOON'S BROADCAST SEED SOWER



This machine will sow Wheat, Rye, Oats, Barley, Hemp, Timothy, Clover, Millet and Hungarian Seed, throwing from 8 to 20 feet on each side of the operator. \$5.50.

MARSHALL'S LAWN GRASS SEEDS



MARSHALL'S "SPECIAL" LAWN GRASS MIXTURE

Marshall's Special Lawn Grass Seed produces a perfect and enduring lawn of luxuriant richness, with closely interwoven, firm and elastic turf, and it is usually ready for cutting in six weeks from time of sowing. This Lawn Grass is composed of a combination of various fine-leaved, deep-rooting grasses of interweaving habit, that flourish under our varied conditions, soils and climates, growing during different seasons of the year, so that a deep green, smooth and velvety sward, free from clumps, is maintained without burning brown in Summer.

This mixture includes highest grade recleaned seeds of Crested Dogstail, Creeping Bent, Rhode Island Bent, and other fine Grasses with White Clover.

Price: Lb. 60c., 5 lbs. \$2.50, bus. (20 lbs.) \$9.00, 100 lbs. \$45.00.

MARSHALL'S "CENTRAL PARK" LAWN GRASS

Marshall's Central Park Lawn Grass will produce an even, dense growth of permanent sward as early in the season as it is possible to do. This mixture contains no annual grasses for making quick show to the detriment of a good lawn, but only those of lasting value and hardiness, which, when once established, need no reseeding for years. Our seed, which we know to be as pure as can be found anywhere, is of the best varieties, best suited for even and permanent growth; it is carefully cleaned and free as it is possible to make it from foreign matter.

One quart will sow 15x20 feet (300 square feet); one peck, 50x50 feet (2500 square feet); one bushel, 100x100 feet (10,000 square feet); four bushels one acre.

Price: Pt. 15c., qt. 30c., 4 qts. \$1.00, pk. (5 lbs.) \$1.75, bu. (20 lbs.) \$6.00.

MARSHALL'S "SHADY PLACE" LAWN GRASS

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places; for sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those adapted for growing in shade. It has been successfully used on some large operations where a green sward was desired on land partially shaded by old trees.

Price: Qt. 35c., 4 qts. \$1.25, pk. (5 lbs.) \$2.25, bu. (20 lbs.) \$8.00.

SPECIAL LAWN GRASS MIXTURE FOR SEASIDE LAWNS

A mixture of fine grasses peculiarly suited to seaside lawns and very sandy soils.

Price: Qt. 30c., pk. \$1.75, bu. (20 lbs.) \$6.00.



MARSHALL'S LAWN RESTORING GRASS SEED

A mixture of grasses suited to take firm hold and grow quickly on hard, worn out, or burned spots. The best time to resow them is very early in Spring, but seed may also be sown from September to October.

Price: Qt. 30c., 4 qts. \$1.00, pk. \$1.75, bu. (20 lbs.) \$6.00.

MARSHALL'S TERRACE MIXTURE LAWN GRASS

A special mixture of grasses for sowing on terraces and side hills—grasses that produce strong spreading roots, thus preventing heavy rain from washing them out; that will withstand drought and exposure, thrive on shallow soils and produce a rich, green turf throughout the season.

Price: Qt. 30c., pk. \$2.00, bu. (20 lbs.) \$7.00.



PERMANENT GRASS MIXTURES FOR GOLF LINKS

MARSHALL'S PUTTING GREEN, or TENNIS COURT MIXTURE

A very carefully prepared mixture for use on putting greens, croquet lawns, tennis courts, bowling greens, and lawns. This mixture produces a very thick, soft growth, when sown on a well-prepared ground, and mowed short will allow a ball to roll in almost a direct line. We especially recommend this mixture to those who are particular to obtain the very best. Our mixture contains only the very fine bladed species of grasses without Rye Grass. 25 lbs. will seed a putting green 75 feet square.

Per lb. 50c., pk. (5 lbs.) \$2.25, bu. (25 lbs.) \$10.00, 100 lbs. \$40.00.

MARSHALL'S FAIR GREEN MIXTURE

Marshall's Fair Green Mixture is composed mainly of perennial native grasses and two very important European grasses which have proven of great value for Fair Green use. They are all of dwarf spreading growth, forming a close velvety surface which improves from year to year if given proper care.

This mixture contains no Clover but will be added if desired in quantity of one-half pound per bushel of grass seed. Sow 100 lbs per acre.

Bushel (20 lbs.) \$6.00.

GENERAL LIST OF Marshall's Matchless Flower Seeds

ALL FLOWER SEEDS ARE MAILED FREE AT PACKET, OUNCE AND POUND RATE TO ANY POST OFFICE IN THE UNITED STATES.

The following list contains a most complete assortment of the choicest and most popular flowers for either conservatory, greenhouse or garden culture:

Annuals grow from seed, flower, mature their seed, and die in one year, or, in other words, the same season.

Hardy Annuals are those which can be sown in the open ground.

Half-Hardy Annuals are those which should be started early in the house, conservatory or hotbed, and transplanted to the garden in settled warm weather.

Biennials grow from seed, sown from June to August, flower, ripen their seed and die the next year, though some varieties bloom the same season if sown early in gentle heat.

Hardy Biennials will winter in the open ground without protection.

Perennials grow from seed, and continue flowering annually for many years after the first season. Some varieties flower the first season if planted early in gentle heat.

Half-Hardy Biennials require the protection of a coldframe or cool house during Winter.

Hardy Perennials can remain in the open ground during Winter without protection.

Half-Hardy Perennials require the protection of a coldframe or cool house during the Winter.

Tender or Greenhouse Perennials require window or greenhouse culture, free from frost during Winter, and thrive in the garden during the warm months.

EXPLANATION OF FLOWER SEED ABBREVIATIONS

H. A. designates **Hardy Annuals**—Lasting but one year
H. H. A. " **Half-Hardy Annuals**—Lasting but one year.
H. B. " **Hardy Biennials**—Lasting but two years.
H. H. B. " **Half-Hardy Biennials**—Require protection during Winter.
H. P. **Hardy Perennials**—Lasting three or more years.

H. H. P. designates **Half-Hardy Perennials**—Require protection during Winter.

H. C. " **Hardy Climber**—Lasting three or more years.

G. S. " **Greenhouse Shrub**.

H. A. C. " **Hardy Annual Climber**.

NAME AND DESCRIPTION.

		Height in feet	Duration	Ounce	Pkt.
ABOBRA Viridiflora.	A rapid-growing, climbing plant, scarlet fruit.	10	H.A.C.	.....	\$0.10
ABRONIA, Umbellata.	Training annual, pink flower trusses. ¼ oz. 25 cts.	¾	H.A.	\$0.75	.10
ABUTILON. New Hybrids.	Mixed, large bell-shaped flowers.	.....	G.S.	.....	.15
ACACIA.	Finest mixed, elegant Winter and Spring flowering plants.	.....	G.S.	1.00	.15
ACHILLEA Ptarmica, "The Pearl."	Double white flowers. ¼ oz. \$1.00.	1½	H.P.	.....	.25
ACONITUM Napellus.	Large, dark blue flowers in August.	3	H.P.	1.50	.10
Wilsonii.	Light blue flowers in large trusses.	4	H.P.	.....	.25
ACROCLINIUM.	Pretty everlasting flowers; fine for Winter bouquets.	.....	.....	.....	.....
Album.	Pure white; double flowers. ¼ oz., 25 cts.	1	H.H.A.	.75	.10
Roseum.	Bright rose; double flowers. ¼ oz., 25 cts.	1	.....	.75	.10
Finest Mixed Colors.	¼ oz., 20 cts.	1	.....	.60	.10
ADLUMIA. Cirrhosa (Mountain Fringe).	Pink flowers.	10	H.B.	.....	.25
ADONIS	.....	.....	.....	.....	.....
Autumnalis.	Flowers crimson with dark center.	1	H.A.	.75	.15
Vernalis.	Large, yellow; flowers in early Spring.	1½	H.P.	.75	.15
AGERATUM.	Blooms throughout the Summer; feathery flowers in clusters.	.....	.....	.....	.....
Mexicanum.	Fine for bedding or pot culture. Blue.	1½	H.A.	.50	.10
Mexicanum Album.	A beautiful white variety.	1½	.....	.50	.10
Imperial Dwarf Blue.	Extra neat; fine for edging. ¼ oz. 50 cts.	¾	.....	1.50	.15
Imperial Dwarf White.	Pretty for contrast; fine for edgings. ¼ oz. 75 cts.	¾	.....	1.50	.15
Blue Perfection.	Very fine dwarf. ¼ oz. 50 cts.	¾	.....	1.25	.15
Little Blue Star.	Light blue; fine for carpet bedding. ⅛ oz. \$1.50.	½	.....	.....	.25
Princess Victoria Louise.	Dwarf, light blue, white center. ¼ oz. 75 cts.	¾	.....	1.50	.25
Swanley Blue.	A fine large-flowered sort. ¼ oz. 50 cts.	1	.....	1.25	.15
AGROSTEMMA Coeli Rosa (Rose of Heaven).	Bright rose; excellent for cutting. ¼ oz., 25 cts.	1½	H.A.	.75	.10
Coeli Alba.	White. ¼ oz., 35 cts.	.....	.....	1.00	.10
Coronaria.	(Rose Campion). Crimson flowers, silver foliage.	2	H.P.	.75	.10



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
ALSTROEMERIA HYBRIDS, Mixed. Lily-like perennials with clusters of flowers on long stems in yellow and orange-red shades.					
ALYSSUM. Pretty little plants for beds, vases, baskets, edgings or rockwork; blooming profusely all Summer.		3	H.P.	.....	\$0.25
Maritimum (Sweet Alyssum). Fragrant, white; flowers all Summer.	1/2	H.A.	\$0.50	.05	
Maritimum compactum, Little Gem. Grows erect; fine for edging.	1/2	.....	1.00	.10	
Benthamii compactum. Lilac Queen. Pure lilac flowers, dwarf and compact growth. 1/4 oz. 35 cts.	1 1/2	.....	1.00	.10	
Benthamii compactum lutescens. Yellowish flowers on strictly upright flower spikes. 1/4 oz. 40 cts.	1 1/2	.....	1.25	.10	
Procumbens. Carpet of Snow. Dwarf; pure white. 1/4 oz. 50 cts.	1/4	.....	1.25	.10	
Saxatile compacta. Spring-blooming Alyssum with yellow flowers.	1	H.P.	1.25	.15	
AMARANTHUS. Ornamental foliage plants, producing a striking effect either in the conservatory or flower garden.					
Caudatus (Love-Lies-Bleeding). Long drooping crimson spikes.	3	H.H.A.	.50	.10	
Saficifolius (Fountain Plant). Distinct variety, with graceful drooping leaves. 1/4 oz. 35 cts.	2 1/2	.....	1.00	.10	
Tricolor (Joseph's Coat). Leaves red, yellow and green. 1/4 oz. 35 cts.	2	.....	1.00	.10	
AMPELOPSIS Veitchii (Japanese Woodbine or Boston Ivy).	10	H.C.	.75	.15	
ANAGALLIS Grandiflora (Pimpernelle). Showy garden plant. 1/4 oz. 35 cts.	6	H.H.A.	1.00	.10	
ANCHUSA Capensis. Flowers resembling large Forget-Me-Nots.	1 1/2	H.A.	.75	.10	
Grandiflora. Dropmore Variety. Large flowered, dark blue.	5	H.P.	2.00	.15	
ANEMONE. A very pleasing perennial, producing large flowers.					
Coronaria, St. Brigid (Poppy Anemone). Mixed colors. 1/8 oz., 50 cts. ...	1	H.P.	.....	.10	
ANTHEMIS Montana. Very pretty small flower, like a white Chrysanthemum. 1/4 oz. 50 cts.	1/2	H.P.	1.50	.15	
ANTIRRHINUM. The Snapdragon is one of our finest biennials flowering the first year as annuals. Their rich spikes are beautiful for cutting, and keep fresh a long time. From seed sown in the open ground plants will bloom in July and August.					
Large Flowering Half-Dwarf Varieties. The best for bedding purposes, growing about 18 inches high.		H.H.B.	.....	.....
Dwarf Black Prince. Dark leaved, blackish crimson purple. 1/8 oz. 50 cts. ...	1 1/2	H.H.B.	2.00	.15	
Dwarf Defiance. Fiery scarlet. 1/8 oz. 50 cts.			2.00	.15	
Dwarf Golden Queen, grandiflora. Pure yellow. 1/8 oz. 50 cts.			2.00	.15	
Dwarf Queen of the North. White. 1/8 oz. 50 cts.			2.00	.15	
Dwarf Roseum Superbum. Rosy-pink. 1/8 oz. 75 cts.			4.50	.15	
Dwarf The Bride. White, changing to delicate rose. 1/8 oz. 50 cts.			2.00	.15	
Dwarf Fine Mixed. All colors. 1/8 oz., 40 cts.			1.50	.15	
Collection of six above varieties. ....				.75	
Marshall's Giant Flowering Varieties. These grow about 3 feet high and are all of the large flowering types.					
Matchless White. A selected strain for growing under glass.	3	.....	.....	.25	
Matchless Yellow. A fine strain for greenhouses.	3	.....	.....	.25	
Bonfire. Bright cinnabar red, yellow blotch. 1/4 oz. \$1.00.	3	.....	3.00	.10	
Coral Red. Rich, with red throat. 1/4 oz., 75 cts.	3	H.H.B.	2.00	.10	
Defiance. Fiery scarlet. 1/4 oz., \$1.00.			3.00	.10	
Firefly. Scarlet and white. 1/4 oz., 35 cts.			1.25	.10	
Keystone. Fine forcing pink.	3	.....	.....	.25	
Nelrose. Rich coral pink. A splendid forcer.	3	.....	.....	.25	
Orange Scarlet. A beautiful color. 1/8 oz. 60 cts.			3.00	.15	
Queen Victoria. Large, white. 1/4 oz., 35 cts.			1.25	.10	
Roseum. Rose. 1/4 oz., 35 cts.			1.25	.10	
Ruby. Pure ruby red. 1/4 oz., 50 cts.			1.50	.10	
Salmon Pink. Very large flowering. 1/4 oz., 75 cts.			2.00	.15	
Silver Pink. A large flowering variety. Ramsburg's strain. ....			.....	.50	
Striped. Odd and pretty. 1/4 oz., 45 cts.			1.25	.10	
Venus. Delicate rose on white ground. 1/8 oz., 50 cts.			3.00	.15	
Giant Yellow. 1/4 oz., 60 cts.			1.50	.10	
Giant Large-flowered Mixed. Fine variety of colors. 1/4 oz., 35 cts.			1.00	.10	
Collection of Six distinct Varieties. ....			.....	.50	
Collection of Twelve distinct Varieties. ....			.....	1.00	
AQUILEGIA, or COLUMBINE. A most desirable border plant.					
Marshall's Matchless Long Spurred Hybrids. A grand variety of colors of the long spurred and large flowered forms. 1-16 oz., \$1.00.	3	.....	.....	.25	
Cærulea hybrida. Large flowered blue hybrids. 1/8 oz., 35 cts.	3	.....	2.50	.15	
Chrysantha. Long-spurred, golden yellow. 1/8 oz., 50 cts.	2	.....	3.00	.15	
Chrysantha grandiflora alba. Large pure white. 1/8 oz., \$1.00.	2	.....	.....	.15	
Glandulosa vera. Dark blue, with white. 1-16 oz., \$1.00.	1	.....	.....	.15	
Skinneri. A beautiful scarlet, tipped green. 1/8 oz., 60 cts.	2	H.P.	3.00	.15	

NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
AQUILEGIA —Continued					
Collection of Five Choice Varieties.....			H.P.		\$0.60
Single. Mixed Colors. $\frac{1}{4}$ oz., 35 cts.....		2		\$1.00	.10
Double-flowering. Mixed Colors. $\frac{1}{4}$ oz., 50 cts.....		2		1 25	.15
Special Mixture. Double and Single Hybrids. This mixture includes many long-spurred Hybrids in all colors.....		3		1.25	.15
ARABIS Alpina. Excellent for borders or rockwood. Pure white.....		$\frac{1}{2}$	H.P.	1.00	.10
Grandiflora Rosea. A beautiful pink variety.....					
ARCTOTIS grandis. Daisy-like flowers; white shaded yellow.....		2	H.A.	1.00	.10
ARMERIA, Giant Thrift. A pretty edging plant with deep pink flowers.....		1	H.P.		.10
ASPARAGUS Plumosus Nanus. Graceful and feathery bright green foliage. 100 seeds, \$1.00.....		8	G.P.		.25
Springeri. A handsome variety of rapid growth for hanging baskets. 100 seeds, 50 cts.....		3	G.P.		.25
ASPERULA Odorata. (Woodruff.) The white flowers and foliage are perfumed		1	H.P.		.15
ASTERS. Plants from seeds sown in the open ground in May bloom finely in September and October, when the flowers are seen at their best. For July and August flowers sow in March or April, in coldframe, spent hotbed, or pots or boxes in the house. Cover the seeds about half an inch deep with rich, light soil, and when the plants have three or four leaves, transplant about 18 inches apart each way into well-prepared beds.					
CHINA, or Quilled. A splendid mixture of colors.....		1	H.A.	1.00	.05
CHRYSANTHEMUM FLOWERED. Dwarf. A splendid variety of compact habit.					
Separate Colors: Brilliant Rose, Apple Blossom, Dark Blue, Fiery Scarlet, Light Blue, White. $\frac{1}{4}$ oz., \$1.25. each.....		1		4.00	.15
Finest Mixed Colors. $\frac{1}{4}$ oz., \$1.00.....		1		3.50	.10
CREGO. Very early; on style of Queen of the Market, but with fluffy, grace- ful, large flowers.....		2			
Separate Colors: Crimson, Pink, Lavender, Purple, Rose, White. $\frac{1}{4}$ oz., \$1.25 each.....				4.00	.15
Finest Mixed. All colors. $\frac{1}{4}$ oz., 75 cts.....				3.50	.10
GIANT BRANCHING COMET. A Giant Comet type of Branching Asters. All large, full flowers.....		2			
Separate Colors: Crimson, Lavender, Light Pink, Royal Purple, Rose and White. $\frac{1}{4}$ oz., \$1.00 each.....				3.00	.15
Finest Mixed Colors. $\frac{1}{4}$ oz., 75 cts.....				2.50	.10
IMPROVED GIANT BRANCHING. The flowers are large and fine for cut- ting.....			H.A.		
Separate Colors: Crimson, Dark Blue, Light Blue, Rose, Shell-Pink, White. $\frac{1}{4}$ oz., \$1.00 each.....		2		3.50	.15
Finest Mixed. All colors. $\frac{1}{4}$ oz., 75 cts.....				2.50	.10
Collection of Six Varieties.....					.50
MARSHALL'S KING. Upright growth; large flowers with long and narrow petals.....		2			
Separate Colors: Crimson, Lavender, Pink, Rose, Violet, White. $\frac{1}{4}$ oz., \$1.25 each.....				4.00	.15
Finest Mixed King Varieties. $\frac{1}{4}$ oz., \$1.00.....		2		3.50	.10
OSTRICH PLUME. Splendid class; fine for cutting.					
Separate Colors: Light Blue, Crimson, Rose and White. $\frac{1}{4}$ oz. \$1.25....				3.00	.10
Finest Mixed Colors. $\frac{1}{4}$ oz., \$1.00.....				3.50	.10
QUEEN OF THE MARKET. The earliest of all; in full bloom two weeks be- fore most other sorts.....		$1\frac{1}{2}$			
Separate Colors: Crimson, Dark Blue, Light Blue, Rose, Pink and White. $\frac{1}{4}$ oz., \$1.00 each.....				3.00	.15
Choice Mixed. All colors. $\frac{1}{4}$ oz., 60 cts.....				2.25	.10
SINGLE JAPANESE. Of branching habit, and very free flowering.					
Separate Colors: Delicate Rose, White. $\frac{1}{4}$ oz., \$1.25 each.....		2		4.00	.15
TRIUMPH COMET. A magnificent class of mid-season Asters. Extra long stems, full double flowers of the finest type.....		2			
Separate Colors: Lavender, Purple, Rose, Shell-Pink and White. $\frac{1}{4}$ oz., \$1.25 each.....				4.00	.15
Finest Mixed Colors. $\frac{1}{4}$ oz., \$1.00.....				3.50	.10
VARIOUS ASTERS.					
Daybreak. A delicate pink Aster. The flowers are very double and globe- shaped. $\frac{1}{4}$ oz., \$1.25.....		2		4.00	.15
Enchantress Pink. Very large flowers, delicate pink. $\frac{1}{4}$ oz. \$1.25.....		2		4.00	.15
Purity. Of the same type as Daybreak, differing only in color, which is a pure white. $\frac{1}{4}$ oz., \$1.25.....				4.00	.15
Single Comet Mixed. Fine for border or bedding. $\frac{1}{4}$ oz., 75 cts.....		2		2.00	.10
Yellow Fancy. Canary yellow flowers as large as the Giant Comet. Fine for cutting. $\frac{1}{4}$ oz., \$1.25.....		2		4.00	.15



NAME AND DESCRIPTION.

	Height in feet	Duration	Ounce	Pkt.
ASTER. Michaelmas Daisy. Large flowering, hardy mixed, fall flowering varieties. $\frac{1}{4}$ oz., \$1.00.....	2½	H.P.	.....	\$0.15
AUBRIETIA. Suitable for rockwork and herbaceous borders.				
<i>Græca.</i> Purple; trailing.....	1	H.P.	.....	.25
<i>Leichtlinii.</i> Carmine; trailing.....				.25
<i>Hybrida grandiflora.</i> Finest mixed colors.....				.25
AURICULA, Finest Mixed. The flowers resemble the Primrose.....	½	H.H.P.	.....	.25
BACHELOR'S BUTTONS. (See <i>Centaurea Cyanus</i>).				
BALLOON VINE. White flowers, followed by balloon-like seed pods.....	15	H.H.C.	\$0.30	.10
BALSAM (Lady's Slipper). Showy and easily grown tender annuals, succeeding best in sunny situations where there is rich loam.....	1½	H.A.	.....	.....
Double Separate Colors: White, Lavender, Blood Red, Deep Rose, Striped. Each, $\frac{1}{4}$ oz., 50 cts.....			1.25	.15
Mixed Colors. Extra choice; double.....			.75	.10
Collection Camellia-Flowered. Six separate colors.....				.75
BARTONIA Aurea. Showy garden annual, with large single yellow flowers... 1		H.A.	.75	.15
BEGONIA. Bedding Varieties. The following are of the <i>Semperflorens</i> type. Fine for bedding in full sun or shaded situations.....		H.H.A.	.....	.....
Dwarf Vernon. Scarlet flowers, dwarf habit.....	½			.25
Erfordii. The best carmine bedding variety. 1-32 oz., \$2.00.....	½	H.H.P.	.....	.25
Gracilis Rosea. Free-flowering, delicate rose.....	¾			.25
Gracilis Luminosa. Flowers fiery deep scarlet.....				.25
Gracilis Mignon. Scarlet flowers, foliage deep green, with red spots and border.....	½			.25
Gracilis "White Pearl." Pure white flowers, $\frac{1}{2}$ inch in diameter, with light green foliage.....	¾			.25
Salmon Queen. Bright salmon flowers.....				.25
Vernon. Bronze foliage with scarlet flowers. 1-16 oz., \$1.00.....				.25
BEGONIA, Tuberous-Rooted. Produce magnificent flowers; grown either in pots or for bedding.				
Marshall's Giant Single, Mixed. Large flowering.....	1	G.P.	.....	.50
Marshall's Giant Double, Mixed. Large flowering.....	1			.50
Rex Varieties. Choice ornamental-leaved varieties.....	1			.25
BELLIS Perennis fl. pl. (Double English Daisy). Popular Spring-flowering perennial often used with Pansies and Forget-Me-Nots.....	½	H.P.	.....	.....
Longfellow. Dark rose. $\frac{1}{8}$ oz., \$1.00.....			5.00	.25
Snowball. Pure white. $\frac{1}{8}$ oz., \$1.00.....			5.00	.25
Giant Red. Good dark red. Very rare. 1-16 oz., \$1.00.....				.25
Giant Mixed. $\frac{1}{8}$ oz., \$1.00.....			5.00	.15
BOCCONIA Japonica. Large glaucous, decorative leaves. $\frac{1}{4}$ oz., 25 cts.....	4	H.P.	.75	.10
BRACHYCOME Iberidifolia. Pretty blue flowers. $\frac{1}{4}$ oz. 40 cts.....	1½	H.H.A.	1.25	.15
Iberidifolia, Mixed (Swan River Daisy). For edging. $\frac{1}{4}$ oz. 40 cts.....	1	H.H.A.	1.25	.15
BROWALLIA elata cærulea. Bright blue, fine for cutting.....	1½	H.A.	.....	.15
Roezii. Free-flowering, bluish-white.....	2	H.H.A.	.....	.15
Speciosa major. Flowers $1\frac{1}{2}$ to 2 inches across; blue, white throat.....				.25
CACALIA Coccinea (Tassel Flower). Scarlet flowers. $\frac{1}{4}$ oz. 25 cts.....	2	H.A.	.75	.10
CALAMPELIS scabra. Ornamental climber: tubular orange-colored flowers.. 10		H.A.C.	.....	.15
CALCEOLARIA HYBRIDA GRANDIFLORA. Highly prized plants for conservatory and house decoration.....	2	G.P.	.....	.....
Marshall's Matchless Strain. Of the richest and most delicate colors, in the most marvelous variety of shades and marking, self-spotted, blotched and striped.....	1			1.00
Large-Flowering, "Dalkeith Park Strain." Finest varieties.....	1			.50
Rugosa Mixed. The well-known bedding varieties.....	1			.50
CALENDULA (Cape Marigold). Free and continuous flowering garden plants.....	1	H.A.	.....	.....
Meteor. Double yellow-striped orange.....			.40	.10
Marshall's Orange King, Grandiflora. Light yellow. $\frac{1}{4}$ oz., 20 cts.....			.50	.10
Prince of Orange. Orange, large-flowered. $\frac{1}{4}$ oz., 20 cts.....			.50	.10
Sulphur Crown. Very large double sulphur yellow.....			.50	.10
Finest Mixed. All varieties.....			.40	.10
CALLIOPSIS. Nothing is more effective than a large bed of these golden flowers; exceedingly free-flowering.				
Atrosanguinea. Rich dark red. $\frac{1}{4}$ oz. 20 cts.....	1½	H.A.	.50	.10
Compacta. Fire King. Deep bright scarlet. $\frac{1}{4}$ oz. 75 cts.....	1½			.15
Golden Wave (Drummondii). Pure yellow flowers, very large and showy.... 1		H.A.	.60	.10
Marmorata. Maroon and gold.....	1½		.50	.10
Tinctoria. Large bright yellow and maroon flowers.....	2		.50	.10
Dwarf, Finest Mixed. All shades of yellow, red and brown.....	1		.60	.10
Tall Mixed. A grand variety for cutting.....	2		.40	.10

NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
CALLIRHOE involocrata (Poppy Mallow). Beautiful trailing plant, with palmate foliage; flowers large, crimson, with white center. $\frac{1}{4}$ oz. 75 cts....					
1	H.P.		\$2.00	\$0.15	
CAMPANULAS. All the Campanulas can be grown in ordinary gardens and will flower from seeds the following year.					
Carpatica. Deep blue; for rockeries, beds and edgings. $\frac{1}{4}$ oz., 50 cts.....					
$\frac{1}{2}$	H.P.		1.50	.10	
Carpatica alba. Flowers white. $\frac{1}{4}$ oz., 50 cts.....					
			1.50	.10	
Fragilis. Light blue flowers. Habit trailing, valuable for pots and hanging baskets.....					
$\frac{1}{2}$	H.H.P.			.25	
1				.10	
Grandiflora Mariesii. A fine dwarf dark blue variety.....					
Pyramidalis (Chimney Bell). Very conspicuous towering spikes, with clear blue flowers. $\frac{1}{4}$ oz., 75 cts.....					
	H.P.		2.50	.10	
Pyramidalis alba. Pure white. $\frac{1}{4}$ oz., 75 cts.....					
4			2.50	.10	
Persicifolia grandiflora, Blue. Superb large flowers. $\frac{1}{8}$ oz., \$1.00.....					
2	H.P.			.25	
Persicifolia grandiflora alba. A white-flowered variety. $\frac{1}{8}$ oz., \$1.00.....					
2				.25	
Persicifolia grandiflora, Fine Mixed. Very showy. $\frac{1}{8}$ oz., \$1.00.....					
2				.25	
CANTERBURY BELLS. Well known, handsome, hardy biennials, bearing large bell and saucer-shaped flowers in profusion; well adapted for borders... 2					
	H.B.				
Medium Blue, Rose, Striped and White, separate. $\frac{1}{4}$ oz., 30 cts.....					
			1.00	.15	
Medium Mixed. All colors. $\frac{1}{4}$ oz., 35 cts.....					
			1.00	.10	
Medium Double Blue. Rich, heavy, curious flowers. $\frac{1}{4}$ oz., 75 cts.....					
2			2.50	.15	
Medium Double White. Of waxen appearance. $\frac{1}{4}$ oz., 75 cts.....					
			2.50	.15	
Medium Double Rose. $\frac{1}{4}$ oz., 75 cts.....					
			2.50	.15	
Medium Double Mixed. $\frac{1}{4}$ oz., 75 cts.....					
			2.50	.15	
Medium Calycanthema, "Cup and Saucer." A race of Canterbury Bells having large semi-double flowers resembling a cup and saucer.					
"Cup and Saucer." Blue. $\frac{1}{4}$ oz., \$1.00.....					
2	H.B.		2.50	.15	
"Cup and Saucer." Rose. $\frac{1}{4}$ oz., \$1.00.....					
			3.50	.15	
"Cup and Saucer." White. $\frac{1}{4}$ oz., \$1.00.....					
			3.50	.15	
"Cup and Saucer." Finest Mixed. $\frac{1}{4}$ oz., \$1.00.....					
			3.00	.15	
CANARY BIRD VINE. Pretty climber, with yellow, butterfly-like flowers.... 10					
	H.A.C.		.40	.10	
CANDYTUFT. Showy branching plants, much grown in masses in beds or for edging; also grown extensively for cut flowers.....					
	H.A.				
Coronaria Empress. A large-flowered variety of purest white, grown extensively for cut flowers. $\frac{1}{4}$ oz., 25 cts.....					
1			.75	.10	
Coronaria Little Prince. Very large heads of pure white flowers.....					
$\frac{1}{2}$			1.00	.10	
Coronaria Giant Hyacinth-Flowered. White.....					
1			.60	.10	
Marshall's White Perfection. A grand white variety. $\frac{1}{4}$ oz., 50 cts.....					
1			1.50	.10	
Rose Cardinal. Bright rosy cardinal, a rich and striking color. $\frac{1}{4}$ oz., 50 cts. 1					
			1.50	.10	
The Pearl. A very fine pure white; of branching habit.....					
1			1.00	.10	
Umbellata Dunnetti. Dark crimson.....					
1	H.A.		.50	.10	
Umbellata lilacina. Lilac-purple.....					
1			.50	.10	
Umbellata Dwarf Hybrids. Mixed colors; neat and pretty.....					
$\frac{1}{2}$			1.00	.15	
Mixed Annual Sorts.					
1			.30	.05	
Sempervirens. White flowers. $\frac{1}{4}$ oz., \$1.00.....					
1	H.P.		3.50	.15	
Gibraltarica. Beautiful bluish-white. $\frac{1}{4}$ oz., \$1.00.....					
1	H.P.		3.00	.15	
CANNA, Mixed. Dark-leaved variety.....					
3	G.P.		.50	.10	
Crozy's Large-flowering. Dwarf, mixed varieties.....					
2			.50	.10	
CARDINAL CLIMBER (See Ipomoea Cardinalis). $\frac{1}{8}$ oz., 75 cts..... 30					
	H.A.C.			.15	
CARNATION. Sown under glass in early Spring, or later in the open ground, the plants will flower second Summer.					
Marguerite (Dianthus Caryophyllus fl. pl.). The perpetual-flowering Carnations produce a large proportion of double flowers in six months from sowing.					
Marshall's Giant, Double Scarlet. $\frac{1}{8}$ oz., \$1.00.....					
$1\frac{1}{2}$	H.H.P.			.15	
Marshall's Giant, Double White. Large, perfect flowers. $\frac{1}{8}$ oz., \$1.00... $1\frac{1}{2}$					
				.15	
Marshall's Giant, Double Yellow. A clear soft shade. $\frac{1}{8}$ oz., \$1.00..... $1\frac{1}{2}$					
				.15	
Marguerite, Double Tall Mixed. All colors. $\frac{1}{4}$ oz., 75 cts..... $1\frac{1}{2}$					
			2.50	.15	
Marguerite, Giant Double Mixed. Extra large and perfect-flowering, in a rich variety of colors. $\frac{1}{4}$ oz., \$1.25.....					
$1\frac{1}{2}$			3.50	.25	
Grenadine Double Scarlet. Very early flowering. $\frac{1}{4}$ oz., \$1.00.....					
2				.15	
Finest Double Mixed. Saved from extra fine flowers. $\frac{1}{4}$ oz. \$1.00.....					
2				.10	
Chabaud's Everblooming. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. Mixed..... $1\frac{1}{2}$					
				.25	
Early Dwarf Vienna. Double mixed. $\frac{1}{4}$ oz., 75 cts.....					
1			2.50	.15	
CASTOR BEANS. (See Ricinus.)					
CELOSIA CRISTATA, or COCKSCOMB. Popular annual of easy culture, producing cockscomb-like heads.....					
	H.H.A.				
Childsi. Chinese Wool Flower. Flowers similar to balls of wool and a deep crimson-scarlet color. $\frac{1}{8}$ oz., \$1.00.....					
2				.15	
Empress. Crimson combs; dark foliage. $\frac{1}{4}$ oz., \$1.25.....					
$\frac{3}{4}$				.15	



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
CELOSIA—Continued.					
Glasgow Prize. Large, deep crimson.	1/8 oz., \$1.00.....	1	.....	.....	\$0.15
Queen of the Dwarfs. Very dwarf form, deep crimson.	1/8 oz., \$1.00.....	1/2	.....	.....	.15
Dwarf. Mixed colors. Extra fine strain.	1/4 oz., \$1.00.....		.....	.....	.10
CELOSIA PLUMOSA, or OSTRICH PLUME. Producing large, graceful plumes. Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for Winter bouquets.....					
			H.H.A.	.....	.....
Pyramidalis Magnifica Aurea. Golden-yellow plumes.	1/4 oz., 75 cts.....	3	.....	2.00	.15
Pyramidalis Magnifica Kermesina. Crimson plumes.	1/4 oz., 75 cts.....	3	.....	2.00	.15
Pyramidalis Magnifica Coccinea. Scarlet plumes.	1/4 oz., 75 cts.....	3	.....	2.00	.15
Pyramidalis Magnifica Purpurea. Dark crimson.	1/4 oz., 75 cts.....	3	.....	2.00	.15
Pyramidalis Thompson's Superb (Triomphe de l'Exposition). Of pyramidal growth and producing graceful, feathery plumes; dwarf habit, dark crimson.	1/4 oz., 50 cts.....	3	.....	1.50	.15
Pyramidalis plumosa, Mixed. Feathered varieties in all colors.....		3	.....	1.25	.10
Pride of Castle Gould. All shades in choicest mixture; branching habit.....		4	.....	.....	.25
Spicata. Rose, changing to silvery white. Fine for pots or cutting.....		3	.....	.75	.15
CELSIA ARCTURUS. Long spikes of bright yellow flowers.....		3	G.P.	.....	.25
CENTAUREA. Beautiful silvery foliaged bedding plants; used for bordering.					
Candidissima. Round, compact plants; white leaves, broadly cut.....		1	H.H.P.	4.00	.15
Gymnocarpa. Fine cut silvery foliage.	1/4 oz., 50 cts.....	1 1/2	.....	1.50	.15
CENTAUREA. They flower finest in full sun and poor soil. Sow in the open ground in Spring.					
Americana. Bushy garden plants; lavender-blue; fragrant.	1/4 oz. 75 cts... 3	H.A.	2.00	.15	
Chameleon. Large; yellow and rose.	1/4 oz. 75 cts..... 1 1/2	.....	2.00	.15	
Margaritæ. Pure white, 2 1/2 inches across, exquisitely lacinated and delightfully scented.	1/4 oz. 35 cts..... 1 1/2	.....	1.00	.10	
Montana. Large flowers of deep purple, very showy.	1/8 oz. 35 cts..... 2	H.P.	2.00	.15	
Moschata, Mixed Sweet Sultan.	1/4 oz. 30 cts..... 1 1/2	.....	1.00	.10	
Suaveolens, Yellow Sweet Sultan. Fine for cutting.	1 1/2	.....	.60	.10	
CENTAUREA Cyanus (Bachelor's Button, Cornflower, Blue Bottle, or Ragged Sailor). This is one of the most popular annuals; will grow in the poorest of soil, either on seashore or mountains.....					
			H.A.	.....	.....
Marshall's Double Blue. Fine for cutting.	1/4 oz., 30 cts..... 1 1/2	.....	1.00	.10	
Liberty Blue. The true Emperor deep blue Bachelor's Button.....	1 1/2	.....	.50	.10	
Rosea. Rose-pink.....			.50	.10	
White. Very pretty for decorations and borders.....			.50	.10	
Finest Mixed.....			.30	.05	
CENTAUREA IMPERIALIS, Giant Imperial Sweet Sultan. The finest of all Sweet Sultans for cut flower purposes.....					
		3	H.H.A.	.....	.....
Separate Colors: Lilac, White, Pink, with White Center, Purple, Rose.					
1/4 oz., 50 cts each color.....				1.50	.15
Finest Mixed. All colors.	1/4 oz., 30 cts.....			1.00	.10
CERASTIUM Tomentosum (Snow in Summer). A dwarf, white-leaved edging plant with small white flowers.					
	1/2 oz., 75 cts..... 1/2	H.P.	.....	.25	
CHRYSANTHEMUM, Annual Varieties. Showy, hardy annuals of easiest cultivation and blooming from July until frost.					
Coronarium Compactum, White Pearl. Fine for cutting.	1/4 oz. 25 cts.. 1	H.A.	.75	.10	
Coronarium Compactum, Primrose Queen.	1/4 oz. 25 cts..... 1	.....	.75	.10	
Coronarium, Double White.....	1 1/2	.....	.50	.10	
Coronarium, Double Yellow.....			.50	.10	
Coronarium, Double Mixed. Yellow, white, etc.....			.30	.05	
Inodorum Plenissimum. Free-flowering variety of spreading habit, with pure white flowers, resembling Asters.	1/4 oz. 35 cts..... 1	.....	1.00	.10	
Tricolor. Lord Beaconsfield. White and rose.....	1	.....	.50	.10	
Tricolor. Morning Star. Large primrose flowers.....	1	.....	.50	.10	
Northern Star. Large ivory white flowers with sulphur zone.....	1	.....	1.00	.10	
Tricolor, Single. Finest mixed.....	1	.....	.40	.05	
Tricolor, Double-Fringed Mixed. This is a very graceful flower.....	1	.....	1.00	.10	
Collection of Six Varieties. Annual.....			.....	.50	
CHRYSANTHEMUM, Perennial Varieties.					
Frutescens (The White Paris Daisy). Charming plant for greenhouse or Summer bedding outdoors.	1/8 oz., 35 cts..... 1 1/2	G.P.	.....	.10	
Japonicum fl. pl. From finest Japanese flowers. Extra choice mixture.....	3	G.P.	.....	.25	
Maximum, "Perfection." Very free-flowering; pure white.....	1/2	H.P.	1.00	.15	
Maximum, "Princess Henry." Compact growth; well formed, pure white flowers.	1/4 oz., 50 cts..... 1/2	H.P.	1.50	.15	
Maximum Grandiflorum (The Shasta Daisy). Pure white; very large.	1/4 oz. 50 cts..... 3	H.P.	1.50	.10	
CINERARIA maritima candidissima. A white-leaved "Dusty Miller," used for bedding.....					
		1	H.H.P.	.60	.10

NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt
CINERARIA hybrida. One of the most gorgeous colored flowering plants for either greenhouse or conservatory. Seeds should be sown in July, August or September.					
Marshall's Matchless Prize Mixed. Every shade of blue, crimson, violet and pink, both in self-colors and with white edge or center. The flowers are often 3 inches in diameter and the plants of excellent habit.					
	2	G.P.	.....	\$0.50	
Grandiflora, Matchless Dwarf Prize Mixed. This strain is just as choice as above, but different in height.					
	1½		.....	.50	
Stellata. Blue Star flowered.	2		.....	.50	
Stellata. Pink Star flowered.	2		.....	.50	
Stellata. White Star flowered.	2		.....	.50	
Stellata hybrids, Mixed Colors. Tall, pyramidal plants, bearing star-like flowers.					
	2		.....	.50	
CLARKIA. This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are fine seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade.					
Brilliant. Double salmon-scarlet flowers. ¼ oz., 50 cts.	2	H.A.	\$1.50	.10	
Queen Mary. Very bright rose carmine, double flowers. ¼ oz., 50 cts.	2		1.50	.10	
Rosea flore plena. Double rose. ¼ oz., 25 cts.	2		.75	.10	
Salmon Queen. Extra double salmon-pink. ¼ oz., 25 cts.	2		.75	.10	
Scarlet Queen. Fine double, brilliant salmon orange scarlet. ¼ oz., 50 cts.	2		1.50	.10	
White. Very double, pure white flowers. ¼ oz., 30 cts.	2		1.00	.10	
Double Mixed. All colors.	2		.50	.10	
CLEOME Gigantea (Giant Spider Flower). Bright rosy-crimson flowers; adapted for large beds or borders.					
	3½	H.A.	1.00	.10	
CLIANTHUS Dampieri (Austrian Glory Pea). Scarlet flowers.					
	3	G.S.	.....	.15	
CLERODENDRON Fallax. Erect growing greenhouse plant, with large spikes of scarlet flowers.					
		G.P.	.....	.50	
COBÆA Scandens. Tender climber, large, bell-shaped blue flower.					
	20	H.A.C.	1.00	.10	
White. Large white bell-like flowers. ¼ oz., 60 cts.			2.00	.15	
COCKSCOMB. (See <i>Celosia Cristata</i> .)					
COLEUS, Marshall's Matchless Mixed. Richly colored foliage plants					
	2	G.P.	.....	.25	
COLLINSIA. Charming annual. Finest mixed.					
	1	H.A.	.50	.10	
COLUMBINE. (See <i>Aquilegia</i> .)					
CONVOLVULUS, or Morning Glories. (See also <i>Morning Glory</i> .) Deservedly very popular, as they are of the most free-flowering and rapid-growing plants in cultivation, thriving in almost any situation.					
Major, Mixed Colors. Climbers of rapid growth.	30	H.A.C.	.30	.05	
Minor, or Bush Morning Glories. Mixed colors.	1	H.A.	.30	.05	
COREOPSIS. Long-stemmed, large, single flowers.					
Grandiflora. Large flowers of rich yellow. ¼ oz., 25 cts.	2	H.P.	.75	.10	
Lanceolata. Yellow. ¼ oz., 25 cts.	2		.75	.10	
CORN, Rainbow. Variegated leaves, striped in green, white and yellow					
	5	H.A.	.25	.10	
CORNFLOWER. (See <i>Centaurea Cyanus</i> .)					
COSMOS. This is one of our most useful and beautiful Autumn flowers. To get it in bloom early, seed should be sown in May in the open ground where the plants are desired to bloom, and the seedlings allowed to grow and flower without being transplanted.					
		H.A.	.....	
Double Crested. New varieties with semi-double flowers.					
Carmine King. Bright red crested flowers. ¼ oz. \$1.00.	5	H.A.	.....	.15	
Pink Beauty. A lovely shade of pink, crested flowers. ¼ oz. \$1.00.	5		.....	.15	
White Queen. Pure white, crested flower. ¼ oz. \$1.00.	5		.....	.15	
Double Varieties. Very fine full round double flowers.					
Double Crimson. 1-16 oz. \$1.00.	5		.....	.25	
Double Pink. 1-16 oz. \$1.00.	5		.....	.25	
Double White. 1-16 oz. \$1.00.	5		.....	.25	
Giant Early Flowering. Crimson. ¼ oz., 30 cts.	4		1.00	.10	
Giant Early Flowering. Pink. ¼ oz., 30 cts.			1.00	.10	
Giant Early Flowering (The Bride). White, tinted pink.			1.00	.10	
Giant Early Flowering. White. ¼ oz., 30 cts.			1.00	.10	
Giant Early Flowering. Mixed colors; compact, bushy growth.			1.00	.10	
Giant Late Flowering. Lady Lenox. Pink. ¼ oz., 30 cts.	5		1.00	.10	
Giant Late Flowering. Lady Lenox. White. A pure white type of the popular Pink variety. ¼ oz., 30 cts.	5		1.00	.10	
Giant Late Flowering. Red. ¼ oz., 30 cts.			1.00	.10	
Giant Late Flowering Mixed. All shades.			.75	.05	
Klondyke. Large flowered golden yellow ¼ oz., 30 cts.	5		1.00	.10	

NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
COWSLIP, Mixed (<i>Primula veris</i>). A Spring-flowering plant.....		½	H.P.	.....	\$0 25
CUPHEA <i>Platycentra</i> (Cigar Plant). Valuable as a bedding and border plant. The flowers are scarlet with a black and white lip.....		1	H.H.P.	.....	.25
CYCLAMEN . These are among the choicest of flowering greenhouse plants. Seed should be sown from October until January.....		½	G.P.	.....	.....
Marshall's Giant Varieties (<i>Persicum giganteum</i>).....					.....
Crimson King . Dark crimson. 100 seeds, \$1.50.....					.50
Excelsior . White, with claret base. 100 seeds, \$1.50.....					.50
Eileen Low . Pink, with blush white crest on each petal.....					.50
Giant Lilac . 100 seeds, \$1.50.....					.50
Giant White . 100 seeds, \$1.50.....					.50
Mrs. Buckston . Salmon-pink, heavily fringed.....					.50
Salmon Queen . Salmon. 100 seeds, \$1.50.....					.50
St. George . Pale salmon, with marbled foliage.....					.50
Victoria . A pretty form with colored fringe at the top of the petals. In several colors.....					.50
Marshall's Giant Mixture . Includes all the brilliant colors. 100 seeds, \$1.50.....					.50
Papillo, or Giant Fringed . Mixed colors; flowers beautifully fringed.....					.50
CYPERUS alternifolius (Umbrella Plant). Handsome plants, easily raised from seed; used for table decorations and combining with palms; semi- aquatic.....		2	H.H.P.	.....	.15
CYPRESS VINE . A fast growing annual vine, with feathery dark-green foliage and star-like flowers.....		20	H.A.C.	.....	.....
Bright Scarlet				\$0.50	.10
Finest Mixed.....				.50	.10
DAHLIA . Although perennials, these will flower the first season.....		4	H.H.P.	.....	.....
Collarette . Single flowers in various colors, with white quilled and tufted centers; very showy. ⅛ oz., 50 cts.....				3.00	.15
Double, Large-flowering . Double mixed colors. ¼ oz., 50 cts.....				1.50	.10
Cactus . New choice varieties. Mixed colors. ⅛ oz., 35 cts.....				2.00	.10
Single, Large-flowering . Mixed. Self and striped flowers.....				1.00	.10
DAISY, Double . (See <i>Bellis Perennis</i>). DATURA (Trumpet Flower). Robust garden annual, bearing large trumpet- shaped flowers.....		4	H.H.A.	.....	.....
Double Flowering . Mixed (<i>Fastuosa</i> fl. pl.) ¼ oz. 30 cts.....				1.00	.15
Cornucopia (Horn of Plenty). Flowers white and purple. ¼ oz. 30 cts....				1.00	.15
DELPHINIUM (Larkspur). Delphiniums are hardy and can be grown in any garden. They are handsome plants for the herbaceous border and shrubbery and are splendid for cut flower use.....			H.P.	.....	.....
Belladonna . Very large-flowered, light azure blue. ⅛ oz. 75 cts.....		3			.25
Chinensis album . Pure white. ¼ oz., 35 cts.....		3		1.00	.10
Chinensis azureum . Azure blue. ¼ oz., 35 cts.....		3		1.00	.10
Chinensis Mixed (<i>Grandiflorum</i>). Shades of blue and pure white.....		1½		1.00	.10
Formosum . Brilliant blue, white center; especially fine and attractive. ¼ oz. 50 cts.....		3		1.50	.10
Formosum cœlestinum . Sky-blue; handsome. ¼ oz., 50 cts.....		3		1.50	.15
Hybridum grandiflorum fl. pl. Finest double sorts in choice colors; superb mixture. ¼ oz., \$1.00.....		3		3.00	.25
Marshall's Matchless Hybrids . Choice show Hybrids, saved from the best named varieties. ⅛ oz., \$1.00.....		3			.25
Zalil (<i>sulphureum</i>). Very beautiful, with long spikes of yellow flowers....					.25
DICTAMNUS Fraxinella . Handsome spikes of reddish flowers and fragrant leaves. ¼ oz. 35 cts.....		3	H.P.	1.00	.10
DIANTHUS (Chinese or Indian Pinks). These, although biennials, bloom the first season, and should be treated as hardy annuals. They flower early in Summer and continue until frost. They are excellent for small beds or edgings, flowering profusely and in great variety of colors.....			H.H.A.	.....	.....
SINGLE ANNUAL PINKS. Heddwegii . Large, attractive flowers of most brilliant colors. Finest mixed. ¼ oz., 35 cts.....		1		1.00	.10
Laciniatus Single Mixed . Fringed flowers of all colors. ¼ oz., 35 cts.....		1		1.00	.10
DOUBLE ANNUAL PINKS. Dianthus Chinensis fl. pl. (Chinese Pink). Large, double flowers in un- limited variety of colors. Finest Mixed. ¼ oz. 30 cts.....		1	H.A.	1.00	.10
Diadematus fl. pl. (Double Diadem Pink). Large, double flowers. Mixed.		1	H.A.	1.00	.10
Heddwegii fl. pl. (Japanese Pink). Large, double flowers of exquisite colors. Finest Mixed. ¼ oz., 50 cts.....		1		1.50	.10
"Fireball." Large double; brilliant red. ¼ oz., 75 cts.....		1		2.00	.15
Laciniatus "Snowball." Extra large, double, pure white. ¼ oz., 75 cts..		1		2.00	.15

NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
DIANTHUS —Continued.					
Laciniatus fl. pl. Double fringed flowers; beautifully striped; many colors.					
Mixed. $\frac{1}{4}$ oz. 75 cts.	1		\$2.00	\$0.15	
Collection of Double Annual Pinks. Six varieties.				.50	
HARDY PERENNIAL PINKS.					
Plumarius fl. pl: Pheasant's Eye. Pretty fringed double flowers.	1	H.P.	2.00	.15	
Plumarius semperflorens (Perpetual Pink). Mixed, single and double.					
$\frac{1}{8}$ oz. 50 cts.	1		3.00	.15	
DIGITALIS, or Foxglove. Hardy perennials, producing long spikes of tubular flowers: Used extensively with good effect for naturalizing in shrubberies and half shady places.					
		H.P.			
Marshall's Superb Purple. $\frac{1}{4}$ oz. 50 cts.	3		1.25	.15	
Marshall's Superb Rose. $\frac{1}{4}$ oz. 50 cts.			1.25	.15	
Marshall's Superb Yellow. $\frac{1}{4}$ oz. 50 cts.	3		1.25	.15	
Marshall's Superb White. $\frac{1}{4}$ oz. 50 cts.	3		1.25	.15	
Marshall's Superb Mixed. All colors. $\frac{1}{4}$ oz. 35 cts.	3		1.00	.15	
Monstrosa, Mixed. Very large flowers. $\frac{1}{4}$ oz. 75 cts.	4		2.00	.15	
Finest Mixed (Common Foxglove). $\frac{1}{4}$ oz. 20 cts.	3		.60	.10	
DIMORPHOTHECA aurantiaca. Daisy-like blossoms of a rich orange color; the disc is dark and surrounded by a black zone. $\frac{1}{4}$ oz. \$1.00.					
		H.A.	3.00	.15	
Aurantiaca Hybrida. Mixed hybrids. $\frac{1}{4}$ oz. 50 cts.	1½		1.50	.15	
DOLICHOS, or Hyacinth Bean. Annual climbers, with clusters of bean-like flowers.					
	10	H.A.C.			
"Daylight." This grand Hyacinth Bean comes from Japan. Flowers pure white; Pea-shaped.	10		.40	.10	
"Darkness." Identical in every way to the above, except in color, which is a rich purple violet.			.40	.10	
Lablab. Separate colors: Red, White and Violet. Each.			.30	.10	
Lablab, Mixed. Purple and White.			.25	.05	
DORONICUM Caucasicum. Effective Spring-flowering plant, with bright yellow flower.					
	2	H.P.		.25	
DRACÆNA Indivisa. For vases, pots, etc., narrow green leaves.	2	G.P.	.60	.15	
ECCREMOCARPUS Scaber. (See Calampelis.)					
ECHEVERIA. A showy plant, for rockeries or carpet beds.					
		G.P.			
Metallica. Pinkish leaves; flowers yellow and red.	1			.25	
Secunda Glauca. White fleshy foliage.	¾			.25	
ECHINOCYSTIS Lobata (Wild, or California Cucumber). The fastest growing annual vine in existence; will grow 20 feet in six weeks. Pretty foliage and inconspicuous white flowers.					
	20	H.A.C.	.50	.10	
ECHINOPS, Ritro (Blue Globe Thistle). Purple. $\frac{1}{4}$ oz. 25 cts.	3	H.P.	.75	.10	
EDELWEISS (Leontopodium). Silvery white.	½	H.P.		.25	
EREMURUS Robustus. Gold Medal Hybrids. Stately plant with long spikes of flowers.					
	8	H.P.		.25	
ERIGERON Speciosus (The Midsummer Daisy). Pale mauve flowers with golden centers. Fine for cutting.					
	1½	H.P.		.10	
ERYSIMUM Arkanasanum. Bright yellow flowers, resembling the Wallflower.					
	1½	H.A.		.10	
Pulchellum. Pale yellow flowers. Useful for rockwork.	½	H.P.		.10	
ERYNGIUM Amethystinum (Sea Holly). Spiny foliage and small Amethyst-blue flowers in large panicles. $\frac{1}{8}$ oz. \$1.00.					
	4	H.P.		.15	
ERINUS Alpinus. Blue; beautiful for baskets.					
	¼	H.P.		.25	
ESCHSCHOLTZIA, or California Poppy. Very attractive annuals for beds, edgings, or masses; profuse-flowering, fine cut, glaucous foliage; in bloom from June to frost.					
Californica. Bright yellow. $\frac{1}{4}$ oz. 20 cts.	1	H.A.	.50	.10	
Californica alba. White. $\frac{1}{4}$ oz. 20 cts.			.50	.10	
Carmine King. Beautiful deep red. $\frac{1}{4}$ oz. 30 cts.			1.00	.10	
Chrome Queen. A beautiful clear chrome yellow. $\frac{1}{8}$ oz. 75 cts.				.15	
Crimson King. Beautiful crimson scarlet. $\frac{1}{4}$ oz. 20 cts.				.60	.10
Dainty Queen. Blush-pink on cream ground. $\frac{1}{4}$ oz. 75 cts.			2.00	.15	
Golden West. Large flowers of deep yellow shade. $\frac{1}{4}$ oz. 20 cts.	2		.60	.10	
Mandarin. Large, scarlet, inside orange.	1		.50	.10	
Rose Cardinal. A distinct color. $\frac{1}{4}$ oz. 35 cts.	1		1.00	.10	
Single Mixed. All colors.			.40	.05	
The Geisha. Petals prettily fluted. Color inside golden and outside intense orange crimson. Very beautiful. $\frac{1}{4}$ oz., 30 cts.			1.00	.10	
EUPATORIUM Fraseri. White, fine for cutting. $\frac{1}{4}$ oz. 25 cts.	2	H.P.	.75	.10	
EUPHORBIA Heterophylla (Fire on the Mountain). Leaves large and glossy green, often tipped with orange-scarlet. $\frac{1}{4}$ oz. 50 cts.					
	3	H.A.	1.50	.10	
Variegata (Snow on the Mountain). White and green bracts; excellent for bouquets. $\frac{1}{4}$ oz. 20 cts.	2		.60	.10	
FERNS, Greenhouse Variety Mixed.					
		G.P.		.25	
FEVERFEW. (See Matricaria.)					



NAME AND DESCRIPTION.

	Height in feet	Duration	Ounce	Pkt.
FORGET-ME-NOT. (See <i>Myosotis</i> .)				
FOXGLOVE. (See <i>Digitalis</i> .)				
FOUR O'CLOCKS. (See <i>Marvel of Peru</i> .)				
FRANCOA <i>Ramosa Alba</i> . Elegant sprays of pure white flowers.....	2½	H.B.	.....	\$0.25
FREESIA , New Hybrids Mixed. Shades of pink, red, violet, yellow, etc.....	2	G.P.	.....	.25
GAILLARDIA. Showy garden annuals, with large flowers.				
<i>Amblyodon</i> . Blood red. ¼ oz., 35 cts.....	2	H.A.	\$1.00	.10
<i>Picta</i> Mixed, Single. Annual varieties.....			.60	.10
<i>Lorenziana</i> , Double Mixed.....			.60	.10
Giant Hybrids, Mixed. Perennial. ¼ oz., 35 cts.....	2	H.P.	1.00	.10
<i>Marshall's Matchless Hybrids</i> . A grand new improved strain; enormous flowers and very strong habit. ⅛ oz., \$1.00.....	2			.25
GAURA , <i>Lindheimeri</i> . Graceful spikes of rosy-white flowers.....	3	H.P.	.75	.10
GENTIANA <i>Acaulis</i> (<i>Gentian</i>). Intense blue, bell-shaped flowers.....	¼	H.P.	.....	.15
GERANIUM. Well-known plants for garden or pot culture.				
<i>Zonale</i> . Finest mixed.....	2	G.P.	.....	.15
GERBERA <i>Jamesoni Hybrida</i> (<i>The Transvaal Daisy</i>). Fine for cut flowers or bouquets. 100 seeds, \$1.00.....	1½	H.H.P.	.....	.25
GEUM <i>Atrosanguineum</i> . Large, double crimson flowers. ¼ oz., 35 cts.....	2	H.P.	1.00	.15
<i>Mrs. Bradshaw</i> . Double orange-scarlet flowers, very large and full. ⅛ oz., 60 cts.....	1½		3.00	.25
GLOBE AMARANTH , <i>Gomphrena</i> . Clover-like heads of flowers; esteemed as everlasting.....		H.A.	.....
<i>Globosa alba</i> . White.....	1		.50	.10
<i>Globosa rosea</i> . Rose.....	1		.50	.10
<i>Globosa</i> . Mixed colors.....	1		.50	.10
GLOXINIA. Charming pot plants, flowering during Summer in the greenhouse or window.....		G.P.	.....
<i>Marshall's Matchless</i> . Erect giant-flowering, mixed. Saved from the very choicest erect flowering varieties in cultivation. A grand variety of colors.....				.50
GODETIA. Bushy annual, with showy large flowers.....	1½	H.A.	.....
Brilliant. Glowing carmine. ¼ oz., 35 cts.....	1½		1.00	.10
Double Rose. A delicate rose pink shade. ¼ oz. 50 cts.....	1½		1.50	.10
<i>Duchess of Albany</i> . Satiny-white. ¼ oz., 35 cts.....	1½		1.00	.10
<i>Gloriosa</i> . Compact, brilliant blood-red. ¼ oz., 35 cts.....	1		1.00	.10
<i>Rosy Morn</i> . A lovely coral pink, very double flowers. ⅛ oz., \$1.00.....	1			.15
Finest Mixed Colors.....			40.	.10
GOURDS. Thrifty annual climbers, bearing "Ornamental Gourds".....	20	H.A.C.	.....
Apple-shaped.....			.30	.10
Bottle-shaped.....			.30	.10
Calabash, or African Pipe Gourd.....			.50	.10
Dipper-shaped.....			.40	.10
Dish Cloth (<i>Chinese Loofa</i> , or <i>Sponge Gourd</i>). Large, elongate fruit; spongy inside. Flowers deep golden yellow.....			.50	.10
Egg. Fruit white; resembles eggs.....			.30	.10
<i>Hercules' Club</i> . Enormous fruit; often 4 feet long, thicker at the base.....			.30	.10
Mock Orange, or Orange-shaped.....			.50	.10
Pear-shaped.....			.50	.10
Sugar Trough.....			.30	.10
Mixed Ornamental Varieties.....			.30	.10
Collection of Ten Varieties of Gourds.....				.75
GRASSES, ORNAMENTAL. A most valuable class of plants for the lawn, shrub bed, border or tropical bed. The perennial varieties, many of which have variegated foliage, are excellent for borders, clumps on lawn or near ponds. The annual sorts are particularly pretty on account of the graceful, feathery flower panicles, which are used in bouquets.				
<i>Agrostis Nebulosa</i> . Very graceful and pretty.....	1½	H.A.	.....	.10
<i>Briza Maxima</i> (<i>Quaking Grass</i>). Very pretty.....	1½	H.A.	.....	.10
<i>Coix Lachryma</i> (<i>Job's Tears</i>). Foliage quite broad. Seeds prominent, very large and shiny.....	3	H.A.	.50	.10
<i>Erianthus Ravennæ</i> . Silvery plumes, resembling <i>Pampas Grass</i>	8	H.P.	.60	.10
<i>Eulalia Zebrina</i> . White striped foliage, very ornamental. ¼ oz., 35 cts....	4	H.P.	1.00	.10
<i>Gynerium Argenteum</i> . The famous <i>Pampas Grass</i> , with beautiful silvery plumes.....	10	H.P.	.60	.10
<i>Hordeum Jabatum</i> (<i>Squirrel-tail Grass</i>). A pretty variety, with bushy panicles of flowers.....	3	H.A.	.50	.10
<i>Pennisetum Longistylum</i> . An annual grass, with gracefully drooping heads..	2	H.A.	1.00	.10
<i>Pennisetum Ruppelianum</i> . Hardy perennial grass, growing 3 feet high, with violet-tinted silvery plumes. The deep green foliage is long and slender. ¼ oz., 35 cts.....	3	H.P.	1.00	.10
GREVILLEA <i>Robusta</i> (<i>Silk Oak</i>). With graceful foliage. ¼ oz., 50 cts.....	5	G.S.	1.50	.10



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
GYPSOPHILA (Baby's Breath). Extremely useful for bouquets. Flowers small and come in delicate sprays and panicles.					
Elegans alba grandiflora. An improved large flowering, pure white form of the annual Baby's Breath, of free and easy growth.....	1½	H.A.	\$0 50	\$0.10	
Elegans carminea. Carmine rose.....	1	H.A.	.50	.10	
Rosea grandiflora. Delicate rose.....	1½	H.A.	.50	.10	
Muralis. Bright rose. ¼ oz., 35 cts.....	¾	H.A.	1.00	.10	
Paniculata. One of the finest for cutting. Pure white flowers, very small and borne in large panicles. ¼ oz., 25 cts.....	2	H.P.	.75	.10	
Paniculata flore plena. A double-flowering variety; pure white.....	2	H.P.	....	.25	
HELIANTHUS. (See Sunflower).					
HELICHRYSUM , or Straw Flower. Large, double "everlasting" flowers.					
Monstrosum, Fire Ball. Double red. ¼ oz. 50 cts.....	2	H.A.	....	.15	
Monstrosum, Golden Globe. Double yellow.....	2	....	....	.15	
Monstrosum, Silver Globe. ¼ oz. 50 cts.....	2	....	....	.15	
Large Flowering, Double, Mixed Colors. ¼ oz., 25 cts.....	1½	H.A.	.75	.10	
HELIOTROPE. Well known fragrant flowering plants for pots or gardens....					
Marshall's Blue Perfection. Light blue.....	1½	G.P.	....	.25	
Anna Tureil. Dark blue.....	....	....	....	.10	
Finest Mixed. ½ oz., 40 cts.....	....	....	....	.10	
Lemoine's Giant Hybrids, Mixed......	....	....	....	.15	
HEUCHERA Sanguinea splendens. Long spikes of fiery-red flowers.....					
Sanguinea Hybrida. Fine for borders. Mixed colors.....	3	H.P.	....	.15	
HIBISCUS Africanus. Yellow, with narrow center.....					
Marshall's Rainbow Grandiflorus Hybrids. New Giant flowering Marshmallows. Very large flowers in various colors. ¼ oz., 50 cts.....	1	H.P.	.50	.15	
Moscheutos (Swamp Rose Mallow). Flowers of a light rosy-red, with dark center.....	6	H.P.	1.75	.10	
Moscheutos. Flowers of a light rosy-red, with dark center.....	2	H.A.	.50	.10	
HOLLYHOCKS. One of the showiest of hardy garden plants. No garden is complete without these stately flowers. Hollyhocks are troubled of late with a rust, which can be prevented if plants are sprayed frequently in early Spring with Bordeaux Mixture.....					
Marshall's Giant. Double Apple Blossom. ½ oz., 60 cts.....	6	H.P.	4.00	.15	
Marshall's Giant. Double Scarlet. ½ oz., 60 cts.....	....	....	4.00	.15	
Marshall's Giant. Double Rose. ½ oz., 60 cts.....	....	....	4.00	.15	
Marshall's Giant. Double Sulphur Yellow. ½ oz., 60 cts.....	....	....	4.00	.15	
Marshall's Giant. Double White. ½ oz., 60 cts.....	....	....	4.00	.15	
Marshall's Giant. Double Violet Purple. ½ oz., 60 cts.....	....	....	4.00	.15	
Marshall's Giant. Double Fine Mixed. ½ oz., 50 cts.....	....	....	2.50	.10	
Chater's Extra Choice, Double, Mixed Colors. ½ oz., 75 cts.....	....	....	3.50	.15	
Hybrid Everblooming, Double, Mixed. Flowers the first season from seed. Very fine colors. ¼ oz., 50 cts.....	....	....	1.50	.15	
Collection of Double Hollyhocks. Six colors.....	....	....	....	.75	
Marshall's Giant. Single Pink. ¼ oz., \$1.00.....	....	....	3.00	.15	
Marshall's Giant. Single Red. ¼ oz., \$1.00.....	....	....	3.00	.15	
Marshall's Giant. Single Yellow. ¼ oz., \$1.00.....	....	....	3.00	.15	
Marshall's Giant. Single White. ¼ oz., \$1.00.....	....	....	3.00	.15	
Marshall's Giant. Single Mixed. All colors. ¼ oz., 30 cts.....	6	....	1.00	.10	
Hybrid Everblooming, Single, Mixed. ¼ oz., 30 cts.....	....	....	1.00	.10	
HONESTY, Lunaria Biennis. Has silvery seed pouches; used for Winter decorations. ¼ oz., 25 cts.....					
HUMULUS Japonicus (Japanese Hop). A climber with dense green foliage. ¼ oz., 20 cts.....	2	H.B.	.75	.10	
Japonicus Fol. Variegatis. Variegated foliage.....	30	H.A.C.	.60	.10	
HUNNEMANNIA Fumariæfolia (Giant Yellow Tulip Poppy). Flowers are Tulip-shaped, pure golden yellow. When cut and put in water they will last a full week. ¼ oz., 35 cts.....	2	H.A.	1.00	.10	
HYACINTH BEAN. (See Dolichos.)					
IBERIS. (See Candytuft.)					
ICE PLANT. (See Mesembryanthemum Crystallinum.)					
IMPATIENS. (Sultan's, or Zanzibar Balsam.) Charming plants for decoration of the greenhouse or table, producing waxy looking flowers profusely and continuously.					
Sultani. Flowers of brilliant rosy-scarlet color.....	2	G.P.	....	.15	
Hostii Hybrids. Form strong bushy plants covered with attractive flowers. As pot plants they bloom the year round. Choicest mixed colors.....	2	....	....	.15	
INCARVILLEA Delavayi. The flowers are borne on long, stout stems, tube-shaped. Color bright rose. ½ oz., 50 cts.....					
INCARVILLEA Delavayi. The flowers are borne on long, stout stems, tube-shaped. Color bright rose. ½ oz., 50 cts.....	2	H.P.	....	.15	
IONOPSIDIUM Acaule. Pale mauve flowers adapted for rockeries and carpet bedding; very dwarf habit.....					
IONOPSIDIUM Acaule. Pale mauve flowers adapted for rockeries and carpet bedding; very dwarf habit.....	¼	H.H.P.	....	.15	

NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
IPOMŒA Morning Glory. (See also Convolvulus .) Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors or stumps of trees they are invaluable.					
Double "Snowy Fairy." A beautiful climbing annual.	20	H.A.C.		\$0.10	
Cardinalis , "Cardinal Flower." A rapid growing annual with deep cardinal red flowers and laciniated foliage. $\frac{1}{8}$ oz., 75 cts.	30				.15
Grandiflora alba (Moonflower). Large, heart-shaped leaves and large, pure white flowers, which open only late in the evening.				\$0.75	.10
Rubro Cærulea (Heavenly Blue). Beautiful, large, sky-blue flowers.	10			.75	.15
Setosa (Brazilian Morning Glory). Large, ornamental foliage, with bright, rose flowers.				.75	.15
Imperial Japanese, Mixed. A great improvement over the old-fashioned sorts.	15			.50	.10
Quamoclit. (See Cypress Vine .)					
KALANCHOE Flammea. Splendid greenhouse plant with large heads of orange scarlet flowers.	1½	G.S.			.35
KENILWORTH IVY. Neat, hardy climber, clinging to walls, etc.	6	H.P.		2.00	.15
KOCHIA Tricophylla (Belvedere Summer Cypress, or Mexican Firebush). Grows in a perfectly pyramidal shaped cypress bush, with small feathery, light-green foliage. Becomes a lovely crimson hue about September.	2½	H.A.		.75	.10
KUDZU VINE (<i>Pueraria Thunbergiana</i>). A splendid climber for covering permanent verandas, dead trees, etc. Large green foliage and pea-shaped blossoms. $\frac{1}{4}$ oz., 50 cts.	30	H.P.		1.50	.15
LANTANA. One of the most desirable greenhouse or bedding plants; constantly in bloom. Newest hybrids, mixed. $\frac{1}{4}$ oz., 35 cts.	2	G.S.		1.00	.15
LATHYRUS Latifolius , Perennial Sweet Pea. Hardy climbers. Fine for cutting.	8	H.P.			
Latifolius. Purplish-red.				.75	.15
Latifolius albus. Pure white.				.75	.15
White Pearl. A large flowering, robust growing variety of the above.				2.00	.25
Pink Beauty. Rosy-pink.				.75	.15
Finest Mixed. All colors.				.75	.10
LARKSPUR. Elegant and ornamental plants, producing in great variety of form of some of the most beautiful flowers in cultivation.					
Marshall's Invincible Branching. Azure-blue. $\frac{1}{4}$ oz., 50 cts.	2	H.A.		1.50	.15
Marshall's Invincible Branching. Carmine.				1.50	.15
Marshall's Invincible Branching. Flesh color.				1.50	.15
Marshall's Invincible Branching. Rose. $\frac{1}{4}$ oz., 50 cts.				1.50	.15
Marshall's Invincible Branching. White. $\frac{1}{4}$ oz., 50 cts.				1.50	.15
Marshall's Invincible Branching. Finest Mixed. $\frac{1}{4}$ oz., 35 cts.				1.00	.10
Newport Scarlet. Can be treated either as an annual or biennial.	2			2.00	.15
Dwarf Rocket. Finest colors. Fine for bedding.	1	H.A.		.40	.05
Tall Rocket. Mixed. Long, showy spikes.	2			.40	.05
Collection Invincible, Branching, Four Varieties.					.50
Perennial Larkspur. (See Delphinium .)					
LAVATERA splendens rosea (Pink Mallow). Bushy plants; produce large, open, pink, mallow-like flowers in great profusion. $\frac{1}{4}$ oz., 35 cts.	3	H.A.		1.00	.15
Splendens alba. Large glossy white flowers. $\frac{1}{4}$ oz., 35 cts.	3	H.A.		1.00	.15
Finest Mixed Colors.				.50	.10
LEMON VERBENA. (See Verbena .)					
LINARIA Cymbalaria. (See Kenilworth Ivy .)					
LINUM grandiflorum rubrum. Single, scarlet flowers.	1	H.A.		.40	.10
LOBELIA. Bushy plants, with pendant branches; very profuse flowering. Fine for baskets or edging borders.					
Marshall's Compact. The finest dark blue Lobelia, the plants are compact covered with a profusion of bloom. $\frac{1}{16}$ oz., \$1.00.	½				.25
Erinus Crystal Palace, compacta. Dark blue. $\frac{1}{16}$ oz., 50 cts.	¾	H.H.A.			.15
Erinus compacta, Emperor. Light blue. $\frac{1}{16}$ oz., 50 cts.					.15
Erinus speciosa. Bright blue flowers. $\frac{1}{8}$ oz., 40 cts.	½			2.25	.10
Erinus gracilis. Blue flowers; trailing. $\frac{1}{8}$ oz., 30 cts.	½			2.00	.10
Erinus Mixed Colors. White, blue, rose, etc. $\frac{1}{4}$ oz., 50 cts.				1.50	.10
Tenuior. Upright habit with very large blue flowers; adapted for pots or borders.	1	H.H.A.			.15
Perennial Varieties:					
Cardinalis (Cardinal Flower). A native variety, with spikes of scarlet flowers; fine border plant.	3	H.P.			.25
Cardinalis Hybrids. Splendid hybrids, mixed.	3				.25
LOPHOSPERNUM Scandens. Dark rose. A rapid-growing climber.	8	H.H.A.			.15
LOVE-LIES-BLEEDING. (See Amaranthus .)					
LOVE-IN-A-MIST. (See Nigella .)					



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
LUPINUS. Free-flowering plants, with long spikes of flowers. The Annual and Perennial varieties are among the most useful of our garden flowers, either for mixed borders or house decorations.					
Hartwegi Blue. A delicate shade. ¼ oz., 35 cts.	2	H.A.	\$1.00	\$0.10	
Hartwegi White. Splendid for cutting. ¼ oz., 35 cts.	2	H.A.	1.00	.10	
Hybridus roseus. Rose. ¼ oz., 35 cts.	2	H.A.	1.00	.10	
Tall Mixed, Annual Varieties.	2	H.A.	.50	.10	
Polyphyllus albus. White.	2	H.P.	.60	.10	
Polyphyllus cærulea. Blue.	2		.60	.10	
Polyphyllus roseus. Rose. ¼ oz., 50 cts.	2		1.50	.15	
Snow Queen. A grand variety; pure white. ¼ oz., 35 cts.	2	H.P.	1.00	.15	
Mixed, Perennial Varieties.	3	H.P.	.50	.10	
LYCHNIS Chalcedonica. The old favorite Scarlet Lychnis. ¼ oz., 35 cts.					
Haageana Hybrids, Mixed Colors. Bushy little plants. ⅛ oz., 50 cts.	1			.15	
MALOEPE, grandiflora. Mixed. Very showy border annual; large flowers.	2	H.A.	.50	.10	
MARIGOLD. Widely grown hardy annuals, invaluable for bedding and producing an elegant display of yellow, orange and brown flowers from early Summer till frost.					
African Varieties.	2	H.A.			
Marshall's Lemon Queen. A charming shade. ¼ oz., 25 cts.			.75	.10	
Marshall's Prince of Orange. Beautiful orange color. ¼ oz., 25 cts.			.75	.10	
Mixed Double. ¼ oz., 25 cts.			.75	.05	
Collection, Double African. Six colors separate.				.40	
French Varieties:					
Dwarf Gold Striped. Rich and quaintly striped double flowers.	1	H.A.	.75	.10	
Legion of Honor. Single yellow blooms, marked with red.	¾		.75	.10	
Dwarf Mixed, Double. ¼ oz., 25 cts.	1		.60	.05	
Collection, Double French Dwarf. Six colors separate.				.40	
MARVEL OF PERU. A well known, handsome, free-flowering garden favorite, does well everywhere. Mixed. (Four O'Clocks).					
2	H.A.	.35	.05		
MATHIOLA bicornis (Evening Scented Stock). Very sweet-scented lilac flowers.					
½	H.H.A.	.40	.10		
MATRICARIA (Feverfew). Low-growing plants; suitable for beds and edgings.					
	H.H.P.				
Capensis plena. Dwarf double White. ¼ oz., 25 cts.	1		.75	.10	
Golden Ball. Very striking double golden-yellow flowers. ⅛ oz., \$1.00.	1			.15	
Silver Ball. Dainty double white spherical flowers. ⅛ oz., \$1.00.	1			.15	
MAURANDYA, Mixed Colors. Tender climber.					
6	H.H.P.		.15		
MESEMBRYANTHEMUM Crystallinum (Ice Plant). A dwarf trailing annual plant; flowers white. ¼ oz., 35 cts.					
½	H.H.A.	1.00	.10		
MIGNONETTE, Large-Flowering. The popular fragrant garden annual. The seed can be sown at any time, and, if successive sowings are made, its fragrant, modest-colored flowers may be gathered outdoors until November.					
	H.A.				
Allen's Defiance. Full round spikes of great length. ¼ oz., 35 cts.	1½		1.00	.10	
Bismarck. Improved Dwarf. Machet variety.	1		1.00	.10	
Crimson Giant. Deep red flowers. ¼ oz., 35 cts.			1.00	.10	
Goliath. Red; enormous spikes. ¼ oz., 50 cts.	1		1.50	.10	
Golden Queen. Compact yellow flowers. ¼ oz., 25 cts.	1		.75	.10	
Machet, Dwarf. Strong plants of pyramidal growth; long, broad spikes of deliciously scented red flowers. ¼ oz., 35 cts.	¾		1.00	.10	
Majesty. Selected strain for pots or benches. ⅛ oz., \$1.00.	1½			.50	
New York Market. The finest of all the fancy varieties of Mignonette for Winter forcing. Seed saved from selected spikes under glass. ⅛ oz., \$1.00.	1½			.50	
Sweet-Scented, (Reseda Odorata grandiflora). The large flowering garden variety.					
1		.30	.05		
MIMOSA pudica (Sensitive Plant). An interesting plant with rosy-lilac flowers. The leaves close when touched.					
1	H.H.A.	.75	.10		
MIMULUS trigrinus, Spotted, Mixed (Monkey Flowers).					
1	H.A.		.15		
Moschatus (Musk Plant). Fragrant; for pots. ⅛ oz., \$1.00.	½	H.H.P.		.05	
MINA lobata. Rapid climber, with crimson and orange flowers.					
10	H.A.C.		.10		
MOMORDICA. Trailing plants, with curious and ornamental foliage and remarkable fruit.					
Balsamina (Balsam Apple). Orange fruit.	15	H.A.C.	.50	.10	
Charantia (Balsam Pear). Copper colored scarlet fruit.	15		.50	.10	
MOON FLOWERS. (See <i>Ipomœa grandiflora</i> .)					
MORNING GLORIES. (See <i>Ipomœa</i> and <i>Convolvulus</i> .)					
MUSK. (See <i>Mimulus</i> .)					

Owing to the unusual conditions prevailing at the present time the prices quoted in this catalogue are subject to change without notice.



NAME AND DESCRIPTION.

	Height in feet	Duration	Ounce	Pkt.
MYOSOTIS, or Forget-Me-Nots. Perennials and hardy if given slight protection through the Winter. Seed may be sown any time from Spring till Mid-Summer.				
Alpestris, Blue. $\frac{1}{4}$ oz., 50 cts.	$\frac{1}{2}$	H.P.	\$1.50	\$0.15
Alpestris, Mixed Colors. White, blue, pink, etc. $\frac{1}{4}$ oz., 50 cts.			1.50	.10
Dissitiflora. Blooms very early; flowers blue. $\frac{1}{8}$ oz., \$1.00.	1			.25
Palustris Sempervirens. The true water Forget-Me-Not. Blooms from early Spring until Autumn. Dark blue. $\frac{1}{8}$ oz. \$1.00.	1			.25
Marshall's Royal Blue. Early and free flowering, color deep indigo blue. Fine for borders or cutting. $\frac{1}{8}$ oz., \$1.00.	$\frac{3}{4}$			.25
Robusta grandiflora, Eliza Fonrobert. A very strong-growing variety. $\frac{1}{4}$ oz., 50 cts.	1		1.50	.15
Ruth Fischer. Compact growth; blue flowers.	$\frac{3}{4}$			.25
Victoria. The plants are of dwarf, compact growth, with multitude of bright blue flowers in dense umbels. $\frac{1}{4}$ oz., \$1.00.	$\frac{1}{2}$		3.00	.15
NASTURTIUM (Tropæolum nanum.)				
Tom Thumb, or Dwarf Varieties. These have a compact habit and attractive foliage; are not disturbed by insects; bloom in two months from sowing, and most profusely the whole season.				
Aurora. Yellow-veined.	1	H.A.		
Beauty. Yellow and scarlet.	1	H.A.	.25	.10
Cloth of Gold. Scarlet, yellow foliage.			.25	.10
Empress of India. Crimson, dark foliage.			.25	.10
King Theodore. Garnet; dark foliage.			.25	.10
King of Tom Thumbs. Scarlet.			.25	.10
Luteum. Bright yellow; no blotches.			.25	.10
Pearl. Creamy white.			.25	.10
Rose Color.			.25	.10
Marshall's Dwarf Rainbow Mixture. These contain all the leading named sorts, mixed. $\frac{1}{4}$ lb., 60 cts., lb., \$2.00.			.20	.05
Collections of 12 Varieties.				.50
NASTURTIUM (Tropæolum majus.)				
Tall, or Climbing Varieties. Adapted for rockwork, banks, covering trellises or rustic work; the seeds, if picked young, are an excellent substitute for capers.				
Chameleon. Various colors on one plant.	6	H.A.C.	.25	.10
Dark Crimson.			.25	.10
King Theodore. Crimson; dark foliage.			.25	.10
Pearl. Creamy white.			.25	.10
Rose (von Moltke).			.25	.10
Scarlet.			.25	.10
Yellow.			.25	.10
Vesuvius. Salmon rose.			.25	.10
Marshall's Tall Rainbow Mixture. From the best varieties. $\frac{1}{4}$ lb., 60 cts., lb., \$2.00.			.20	.05
Collection of 12 Varieties.				.50
LOBB'S NASTURTIIUMS (Tropæolum Lobbianum). Very free blooming, embracing the most brilliant colors, climbing about 6 feet. Excellent for window boxes, vases and hanging baskets.				
Lobb's Finest Mixture.	6	H.A.C.	.25	.10
Madame Gunther Hybrids. A French strain; noted for wide range of fine colors.			.25	.10
NEMESIA Strumosa grandiflora Suttonii. Bushy plants; flowers of unique form. $\frac{1}{16}$ oz., \$1.00.				
Compacta Triumph. New dwarf compact. Finest mixture. $\frac{1}{16}$ oz., \$1.00.	$\frac{3}{4}$	H.A.	.25	.25
NEMOPHILA. Splendid free-flowering annual, with cup-shaped flowers of many bright colors. Mixed colors.				
	1	H.A.	.40	.10
NICOTIANA affinis. Fragrant, star-shaped white flowers.				
Affinis Hybrids. Large-flowered; scented. All shades; mixed.	3	H.H.A.	.75	.10
Sanderæ Hybrids. All colors. $\frac{1}{4}$ oz., 25 cts.	2		1.00	.10
Sylvestris. Large drooping clusters of pure white flowers.	3		.75	.10
	4		.75	.10
NIEREMBERGIA Frutescens. For hanging baskets or borders; large, cup-shaped lilac flowers. $\frac{1}{4}$ oz., 50 cts.				
	1	H.H.P.	1.50	.10
NIGELLA (Love-in-a-Mist). Beautiful border plants.				
Miss Jekyll. A lovely variety with Cornflower-blue blossoms; splendid for cutting. $\frac{1}{4}$ oz., 25 cts.		H.A.		
Miss Jekyll White. Valuable for borders and cutting. $\frac{1}{4}$ oz., 35 cts.	$1\frac{1}{2}$		.75	.10
Finest Mixed. Blue, white and purple.	$1\frac{1}{2}$		1.00	.10
	$1\frac{1}{2}$		.50	.10
ŒNOTHERA (Evening Primrose). Useful for exposed sunny positions, blooming the entire Summer. Finest mixed.				
	1	H.A.	.50	.10

NAME AND DESCRIPTION.

Height
in feet Duration Ounce Pkt.

PANSIES are the most popular flowers grown. They thrive best in a cool, moist, but well-drained soil. Sow the seeds in April and May for Summer flowering, and August for early flowers the following Spring. Our Mixtures contain a large variety of colors.				1/2	H.H.P.	.....
Marshall's Chelsea Exhibition. This strain of Exhibition Pansies won the first prize at the Boston Show the past two years. They are without doubt the finest strain for forcing or outdoor planting obtainable. 1/16 oz., \$2.00.				.....			\$1.00
Marshall's Greenhouse Mixture. A selection of varieties adapted for growing under glass. 1/16 oz., \$1.25.				.....			.50
Marshall's Matchless Mixture. This matchless strain consists entirely of the newest best shaped and most handsome flowers, including an immense variety of brilliant colors. The seeds we offer are carefully saved from the largest selected flowers. 1/8 oz., \$2.00.				.....	\$12.00	.50	
Marshall's Superb Giant, Mixed. A rich and most choicely varied mixture. Producing only the finest colors, largest flowers and beautiful forms. 1/8 oz., \$1.50.				.....		8.00	.25
Good Mixed Pansies. 1/4 oz., 75 cts.				.....		2.00	.10
Giant Trimardeau, Mixed. Large flowers in a good variety of colors. 1/4 oz., \$1.00.				.....		3.50	.15
GIANT PANSIES, in Varieties.							
Giant Emperor. Ultramarine blue. 1/8 oz., \$1.00.				.....			.15
Giant Fire King. Crimson-purple and golden yellow. 1/8 oz., \$1.00.				.....			.15
Giant Golden Queen. Beautiful pure yellow. 1/8 oz., \$1.00.				.....			.15
Giant Golden Yellow, with dark eye. 1/8 oz., \$1.00.				.....			.15
Giant King of the Blacks. 1/8 oz., \$1.00.				.....			.15
Giant Lord Beaconsfield. Violet, shaded white. 1/8 oz., \$1.00.				.....			.15
Giant Snow Queen. Pure white. 1/8 oz., \$1.00.				.....			.15
Giant Striped. Variety of markings. 1/8 oz., \$1.00.				.....			.15
Giant Victoria. Wine red shades. 1/8 oz. \$1.00.				.....			.15
Giant White, with black eye. 1/8 oz., \$1.00.				.....			.15
Collection of Six Varieties Giant Named.				.....			.70
Collection of Ten Varieties Giant Named.				.....			1.40
PAPAYER. (See Poppies.)							
PASSION FLOWER, <i>cærulea</i> . Large; violet and blue.				10	H.H.P.	.....	.15
PENTSTEMON. Highly useful and attractive hardy perennials, and much used in the hardy border.							
Gentianoides, Fine Mixed Colors. 1/4 oz., 75 cts.				2	H.P.	2.00	.15
Gloxinioides "Sensation." A grand variety of colors. Will bloom from seed in June if sown early in March.				2	H.P.	.....	.15
Marshall's Matchless Hybrids. A superb mixture of the best perennial sorts. 1/16 oz., \$1.00.				.....	H.P.	.....	.25
PERILLA nankinensis. Ornamental-leaved plants.				1 1/2	H.A.	.40	.10
PETUNIA. One of our easiest cultivated and freest-flowering annuals. Will succeed almost anywhere and give a continuity of the most brilliant bloom from June till killed by frost.							
Marshall's Double Giant, Fringed, Finest Mixed Hybrids. An exceptionally fine strain, remarkable for the large, beautiful, colored, double flowers.				1	.....	.....	.50
Single Varieties:							
Marshall's Superb Large-Flowered Mixed (California Giants). Magnificent flowers, with throats, beautifully veined.				1 1/2	.....	.....	.25
Marshall's Superb Large-Flowered Fringed, Mixed. Flowers with fringed and frilled edges; distinct and beautiful.				1 1/2	.....	.....	.25
Large-Flowered, Finest Mixed. Fine large flowers in superb mixture. 1/16 oz., \$1.50.				1 1/2	.....	.....	.15
Fine Mixed. An assortment of medium-sized flowers; fine for bedding. 1/4 oz., 50 cts.				1	.....	1.50	.10
Maculata, Striped and Blotched. (Inimitable.) Flowers quite large and handsomely striped and spotted. 1/4 oz., 50 cts.				1	.....	1.50	.10
Adonis. Very showy, fiery carmine, white throat, free blooming and compact growth. 1/2 oz., \$1.00.				1	.....	.....	.15
Howard's Star. Crimson, with white star 1/8 oz., 50 cts.				1	.....	.....	.10
Marshall's Purple Bedder. A beautiful purple bedding variety. 1/16 oz. \$1.00				1	.....	.....	.25
Marshall's Violet Queen. A grand Petunia for bedding, growing about 18 inches high and very free-flowering. 1/16 oz. \$2.00.				1 1/2	.....	.....	.25
Norma. Blue with white star, compact habit, very showy. 1/16 oz., \$1.00.				1	.....	.....	.15
Rosy Morn. Soft carmine pink. 1/8 oz., 75 cts.				.....	.....	.....	.15
Snowball. Dwarf pure white; a fine bedding variety. 1/8 oz., 50 cts.				3/4	.....	.....	.15
Snowstorm. Pure white; large-flowering.				.....	.....	.....	.25
PHACELIA Campanularia. Very showy with bright blue bell-shaped flowers. 1/4 oz., 50 cts							
.....	3/4	H.A.	.....				.10



NAME AND DESCRIPTION.

Height
in feet Duration Ounce Pkt.

PHLOX, Drummondii grandiflora. Improved large-flowering strains of this famous garden annual. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past, and in a few weeks they are a sheet of bloom, remaining so until frost					1	H.A.	.....	.....
Blood-Purple. ¼ oz., 75 cts.	.....	.....	\$2.00	\$0.15				
Brilliant Rose. ¼ oz., 75 cts.	.....	.....	2.00	.15				
Crimson. ¼ oz., 75 cts.	.....	.....	2.00	.15				
Salmon Rose. Salmon with yellow eye. ¼ oz., 75 cts.	.....	.....	2.00	.15				
Vivid Scarlet. ¼ oz., 75 cts.	.....	.....	2.00	.15				
White. ¼ oz., 75 cts.	.....	.....	2.00	.15				
Yellow. ¼ oz., 75 cts.	.....	.....	2.00	.15				
Stellata splendens. Star-like crimson. ¼ oz., 75 cts.	.....	.....	2.00	.15				
Choicest Mixed. Contains a very large variety of color. ¼ oz., 50 cts.	.....	.....	1.50	.10				
PHLOX, Large-Flowering Dwarf Varieties. Effective for beds or borders						H.A.	.....	.....
Nana Compacta Fireball. Bright red. ¼ oz., \$1.50	.....	½	5.00	.25				
Nana Compacta Snowball. Compact, pure white. ¼ oz., \$1.50	.....	½	5.00	.25				
Nana Compacta Mixed Colors. Star-shaped flowers. ¼ oz., \$1.25	.....	½	4.00	.25				
PHLOX, Hardy Perennial Decussata. Most brilliant colored flowers in late Summer and Fall. ¼ oz., 75 cts.					3	H.P.	2.50	.15
PHYSALIS, Franchetti (Giant Winter Cherry). Balloon-like fruits					3	H.B.	.....	.15
PHYSOSTEGIA (False Dragon Head.)								
Virginica. One of the prettiest hardy perennials. It forms dense bushes bearing freely spikes of delicate pink tubular flowers. ½ oz., 50 cts.					3	H.P.	.....	.15
Virginica alba. Pure white. ½ oz., 50 cts.					3	.....	.....	.15
PICOTEEs, Choice Double. Mixed colors					1	H.H.P.	.....	.25
PINKS. (See Dianthus.)								
PLATYCODON. The large-flowering Chinese Bell Flowers						H.P.	.....	.....
Grandiflorum. Large steel-blue flowers. ½ oz., 50 cts.					2	.....	3.00	.15
—album. Pure white variety. ½ oz., 50 cts.					2	.....	3.00	.15
Mariesi. Dwarf, large-flowered, blue. ½ oz., 50 cts.					1	.....	3.00	.15
POLYANTHUS, Marshall's Matchless Gold Laced. Saved from the largest flowers in a wide range of colors. ½ oz. \$1.00							.....	.25
Munstead Giants. A magnificent strain of Bunch Primroses in shades of yellow and white							.....	.25
PORTULACA. One of the freest-flowering dwarf annuals, especially adapted for sunny locations. Flowers of the most brilliant colors					½	H.A.	.....	.....
Single. Separate Colors: Rose, Scarlet, White, Yellow. Each ¼ oz., 35 cts							1.00	.10
Single. Finest mixed. ¼ oz., 25 cts.							.60	.05
Double Large-Flowering. Finest Mixed. Will produce a large percentage of double flowers in many colors. ¼ oz., \$1.00					½	.....	3.50	.15
POPPIES. Showy, free-blooming, old-fashioned flowers. Very effective in mixed borders						H.A.	.....	.....
Single Annual Varieties:								
Glaucum. The scarlet Tulip Poppy. ¼ oz., 35 cts.					1	.....	1.00	.10
King Edward. Free-flowering, beautiful scarlet					1	.....	1.00	.10
Miss Sherwood. Flowers satiny-white and chamoise rose					1	.....	.40	.10
The Shirley. Their brilliant, dazzling coloring and wonderful variety make a very effective display in the garden or for cut flowers.								
Marshall's Extra Selected Shirley. A grand variety of colors, saved from selected flowers. ¼ oz., 35 cts.					1	.....	1.00	.15
Finest Mixed Shirley. Flowers in a great variety					1	.....	.50	.05
The Bride. A beautiful variety with large pure white flowers							.50	.10
Virginia. Flowers white, edged soft pink; fringed					1	.....	.50	.10
Single Mixed Poppies. All kinds					1	.....	.35	.05
Double Annual Varieties:								
American Flag. White, edged red					1	H.A.	.40	.10
Mikado. White, edged scarlet					1	.....	.40	.10
White Swan. Large, beautifully fringed white flowers					1	.....	.40	.10
Carnation-Flowered. Mixed colors					1	.....	.40	.05
Pæony-Flowered. Mixed colors					1	.....	.40	.05
Hardy Perennial Varieties:								
Bracteatum. Orange-scarlet hardy Poppy. ¼ oz., 25 cts.					1	H.P.	.75	.10
Iceland Poppies. While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts.								
Nudicaule (Iceland Poppy). Dwarf, bright yellow. ¼ oz., 35 cts.					1	H.P.	1.00	.10
Nudicaule Aurantiacum. Orange. ¼ oz., 35 cts.							1.00	.10
Nudicaule album. Pure white. ¼ oz., 35 cts.							1.00	.10
Nudicaule Mixed Iceland Poppies. ¼ oz., 35 cts.							1.00	.10
Orientele White. A pure satiny white with crimson blotch at the base of each petal					3	H.P.	.....	.25
Orientele Mixed Hybrids. Finest shades. ¼ oz., 25 cts.					3	H.P.	.75	.10

NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt
PRIMULA SINENSIS. Fimbriata (Chinese Primrose). A Charming profuse-flowering plant, indispensable for Winter and Spring decoration.....					
Marshall's Giant. Deep blue.....	3/4	G.P.	.....	.....	\$0.50
Marshall's Giant. Pure white.....					.50
Marshall's Giant. Salmon.....					.50
Marshall's Giant. Scarlet.....					.50
Marshall's Giant. Matchless Mixed.....					.50
PRIMULA Obconica. One of the most useful greenhouse plants.					
Obconica Gigantea alba. White.....	1	G.P.	.....	.....	.50
Obconica Gigantea lilacina. Lilac.....					.50
Obconica Gigantea Kermesina. Crimson.....					.50
Obconica Gigantea rosea. Rose.....					.50
Obconica Gigantea Finest Mixed.....					.25
PRIMULA Malacoides. A charming free-flowering pot plant; delicate lilac... 1					
Malacoides alba. Pure white.....		G.P.	.....	.....	.25
Malacoides rosea. Charming rose pink.....					.25
Eureka. A new Giant form of Obconica. Rich rosy carmine, shaded cerise, a clear yellow eye.....	1	G.P.	.....	.....	1.00
Kewensis. Bright yellow, fragrant flowers.....	1 1/2	G.P.	.....	.....	.25
Stellata (The Star Primula). Excellent pot plants for decoration purposes. Mixed colors.....	1	G.P.	.....	.....	.25
Hardy Primulas or Primroses:					
Beesiana. Very free flowering. Glowing velvety-purple with yellow eye...		H.H.P.	.....	.....	.25
Japonica (Japanese Primrose.) Mixed colors. 1/4 oz., \$1.00.....	1	H.P.	.....	.....	.15
PRIMROSE, Marshall's New Blue. Many shades of blue to deep violet..... 1/2					
Vulgaris. English yellow primrose. 1/8 oz., 75 cts.....	1 1/2	H.P.	\$3 00	.....	.25
Vulgaris Hybrids. Very choice hybrids of the English Yellow Primrose.....	1/2	H.P.	.....	.....	.25
PYRETHRUM. Fine for edging and borders..... H.H.P.					
Aureum Golden Feather. Bright yellow foliage. 1/4 oz., 30 cts.....	1/2		.....	.75	.10
Aureum Golden Gem. 1/4 oz., 50 cts.....	1/2		.....	1.50	.10
Hybridum. Large Daisy or Cosmos-like flowers; blooms in early Summer and late Fall.					
Single. Large flowering, mixed colors. 1/4 oz., \$1.00.....	2	H.P.	3.00	.....	.15
Hybridum fl. pl., Double. Large-flowering; beautiful colors.....	2				.25
REHMANNIA Angulata. Flowers rose-purple with spotted throat..... 3 H.H.P. .25					
RHODANTHE (Swan River Everlasting.) For borders or pot culture.					
Maculata. Rose with dark center. 1/4 oz., 35 cts.....	1	H.A.	1.00	.....	.10
Maculata Alba. Pure white. 1/4 oz., 35 cts.....	1		1.00	.....	.10
Finest Mixed. 1/4 oz., 35 cts.....	1		1.00	.....	.10
RICINUS (Castor Oil Plant). From seed they quickly attain gigantic proportions, and are ornamental till destroyed by frost.					
Cambogiensis. Maroon foliage.....	5	H.H.A.	.30	.....	.10
Gibsoni. Purplish leaves and stems.....	6		.30	.....	.10
Panormitanus. Large, dark brown leaves, blue powdered stems, upright habit	6		.35	.....	.10
Sanguineus. Red stems.....	6		.30	.....	.10
Zanzibariensis. Mixed. Immense leaves.....	8		.35	.....	.10
Mixed Varieties.....			.25	.....	.05
ROCKET, Sweet. A very interesting, useful and free-flowering plant.					
Purple. Beautiful purple color. 1/4 oz. 25 cts.....	1 1/2	H.P.	.75	.....	.10
White. Flowers rosy white. 1/4 oz. 25 cts.....	1 1/2		.75	.....	.10
Finest Mixed Colors. 1/4 oz. 25 cts.....	1 1/2		.75	.....	.10
ROMNEYA Coulteri. The California Tree Poppy. Large snowy white flowers. Requires protection in Winter..... 2 H.H.P. .15					
RUDBECKIA Bicolor Superba. Yellow flowers..... 2 H.A. .15					
Neumannii. Bright orange with black cone.....	2	H.P.	.....	.....	.15
Purpurea Hybrida Grandiflora. Beautiful large-flowered hybrids.....	2	H.P.	.....	.....	.25
SALPIGLOSSIS. One of the prettiest annuals of easy culture; very showy in beds or borders. A great favorite among annuals, of easy culture, with orchid-like flowers from early Summer until late Fall..... 2 H.A.					
Marshall's Matchless Chamois. 1/8 oz., 50 cts.....					.15
Marshall's Matchless Golden Yellow. 1/8 oz., 50 cts.....					.15
Marshall's Matchless Dark Scarlet. 1/8 oz., 50 cts.....					.15
Marshall's Matchless Purple. 1/8 oz., 50 cts.....					.15
Marshall's Matchless Rose and Gold. 1/8 oz., 50 cts.....					.15
Marshall's Matchless Scarlet and Gold. 1/8 oz. 50 cts.....					.15
Marshall's Matchless Violet and Gold. 1/8 oz., 50 cts.....					.15
Marshall's Matchless Yellow and White. 1/8 oz., 50 cts.....					.15
Marshall's Matchless Mixture. All colors. 1/4 oz., 75 cts.....					.15
Large-Flowering. Mixed colors. 1/4 oz., 25 cts.....	1		.75	.....	.10
Collection of six separate colors.....					.75



NAME AND DESCRIPTION.

	Height in feet	Duration	Ounce	Pkt.
SALVIA (Flowering Sage). One of our most handsome Summer- and Autumn-flowering plants, growing into compact bushes about 3 feet high and literally ablaze with brilliant flowers.		H.A.		
Marshall's Fireflame. A dwarf, large-flowering Salvia, very early flowering; plants compact and covered with long spikes of brilliant scarlet flowers: $\frac{1}{8}$ oz. \$1.00.	1½		\$6.00	\$0.15
America, or Globe of Fire. The earliest, freest and most continuous bloomer. Brilliant scarlet flowers, borne well above the plant. $\frac{1}{8}$ oz. \$1.00.	1½			.15
Blue Beard (Clary). Elegant plant with showy spikes of bright purple flowers. $\frac{1}{4}$ oz. 25 cts.	1½	H.A.	.75	.10
Bonfire. A splendid dwarf variety, with large, erect spikes of rich scarlet flowers. $\frac{1}{8}$ oz. 75 cts.	2		3.50	.15
Farinacea. Light blue flowers, long spikes. $\frac{1}{8}$ oz. 35 cts.	2½	H.H.P.	2.00	.15
Ostrich Plume. The plants are well covered with brilliant scarlet plumes of flowers. $\frac{1}{8}$ oz. 75 cts.	2		5.00	.15
Splendens grandiflora (Scarlet Sage). A rich-flowered bedder	3		2.50	.10
Zurich. Early-flowering; color brilliant scarlet. $\frac{1}{16}$ oz. 75 cts.	1¼		5.00	.15
Patens. Magnificent blue flowers. $\frac{1}{8}$ oz. \$1.00.	3	H.H.P.		.25
SAPONARIA Calabrica. Dwarf annual with pink starry flowers.	1	H.A.	.75	.10
SCABIOSA, or Mourning Bride. Very showy, free-flowering annual. Fine for cutting and borders.		H.A.		
Tall Double, Cherry Red and White. $\frac{1}{4}$ oz. 35 cts.	2½		1.00	.10
Tall Double, Fiery Scarlet. $\frac{1}{4}$ oz. 35 cts.			1.00	.10
Tall Double, King of the Blacks. Deep purple-black. $\frac{1}{4}$ oz. 35 cts.			1.00	.10
Tall Double, Lavender Blue. $\frac{1}{4}$ oz. 35 cts.			1.00	.10
Tall Double, Rose Pink. $\frac{1}{4}$ oz. 35 cts.			1.00	.10
Tall Double, Pure White. $\frac{1}{4}$ oz. 35 cts.			1.00	.10
Tall Double, Finest Mixed. All colors. $\frac{1}{4}$ oz. 25 cts. . . . .			.60	.10
Dwarf Double. Many colors mixed. $\frac{1}{4}$ oz. 25 cts. . . . .			.60	.05
Perennial Varieties.				
Caucasica Alba. Delicate white flowers. $\frac{1}{8}$ oz. 50 cts.	2	H.P.		.15
Caucasica. Silvery lavender-blue. $\frac{1}{8}$ oz. 50 cts.	2	H.P.		.15
Caucasica Hybrida Mixed. Hardy perennial with large flowers.	2	H.P.		.15
SCHIZANTHUS. Popularly known as the Poor Man's Orchid, for its wonderful coloring.		H.H.A.		
Dr. Badger's Hybrids. Fern-like bright green foliage, covered with a beautiful range of colors. Grand for pot culture.	2			.50
Grahami. Free-flowering red variety	2			.25
Hybridus grandiflorus. Finest Mixed. Very choice.	1½		1.50	.10
Pink Beauty. Flowers an exquisite shade of rose pink. Fine for pot plants and decorating.	1½			.50
Retusus. Beautiful red and yellow flowers.	2			.25
Retusus Albus. White blotched with golden yellow.	2			.25
Wisetonensis, Marshall's Select Hybrids. Flowers varying from white with yellow eye, to rose with bronze center. Fine for pots.	1½			.25
Wisetonensis Compacta, Mixed. Beautiful and varied colors.	1			.25
SEDUM Cæruleum (Blue Stonecrop). For rockwork or edgings.	¼	H.A.		.15
SENECIO. (See <i>Jacobæa</i> .)				
SENSITIVE PLANT. (See <i>Mimosa pudica</i> .)				
SHAMROCK. True small-leaved variety. $\frac{1}{4}$ oz. 50 cts.	¼	G.P.		.15
SILENE compacta. Double. Mixed colors.	1	H.A.	.50	.10
Orientalis. Large globular heads of bright rose flowers, which are Clove-scented. Useful for cutting. $\frac{1}{4}$ oz. 35 cts.	2	H.P.	1.00	.10
SMILAX (Myrsiphyllum asparagoides.) Popular greenhouse climber with small dark green foliage. $\frac{1}{4}$ oz. 25 cts.	2	G.P.	.75	.10
SNAPDRAGON. (See <i>Antirrhinum</i> .)				
SOLANUM Capsicastrum nanum (Jerusalem Cherry). Ornamental plant for Winter decoration, with bright scarlet berries. $\frac{1}{4}$ oz. 50 cts.	2			.10
STATIC Bonduelli. Bright yellow flowers. $\frac{1}{4}$ oz. 35 cts.	1½	H.A.		.10
Incana Hybrida Nana Mixed. A charming variety of Sea Lavender. Fine for bouquets. $\frac{1}{4}$ oz. 50 cts.	1½	H.A.		.10
Latifolia. Lavender-blue flowers. $\frac{1}{4}$ oz. 50 cts.	2	H.P.		.10
Sinensis. Very graceful plant, flowers pure white with canary yellow. $\frac{1}{8}$ oz. 50 cts.	1½	H.H.A.		.10
Sinuata Hybrida. Flowers mauve, purple, white and yellow. $\frac{1}{4}$ oz. 50 cts.	1½	H.A.		.10
Suworowi. Flowers bright rosy color, fine for Winter decorations.	2	H.A.		.15
STEVIA Serrata. Fine for bouquets. $\frac{1}{4}$ oz. 50 cts.	1½	T.P.	1.50	.10
STOKESIA cyanea. Lavender-blue flowers. $\frac{1}{4}$ oz. \$1.00.	2	H.P.	3.00	.15
Cyanea alba. A pure white-flowering form. $\frac{1}{4}$ oz. \$1.00.			3.00	.15
Finest Mixed. A mixture of pink, purple, blue and white shades. $\frac{1}{4}$ oz. 75 cts.			2.50	.15

NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
STOCKS. Fine for garden decoration; flowers double, of various colors and very fragrant.....					
Marshall's Giant Perfection Ten-Weeks. A splendid double-flowered strain; especially adapted for bedding or pot culture.....		2	H.A.		
Giant Perfection, Chamoise Rose. 1/8 oz., \$1.00.....				\$7.00	\$0.25
Giant Perfection, Dark Blue. 1/8 oz., \$1.00.....				7.00	.25
Giant Perfection, Crimson. 1/8 oz., \$1.00.....				7.00	.25
Giant Perfection, Flesh Color. 1/8 oz., \$1.00.....				7.00	.25
Giant Perfection, Light Blue. 1/8 oz., \$1.00.....				7.00	.25
Giant Perfection, Pure White. 1/8 oz., \$1.00.....				7.00	.25
Giant Perfection, Rose. 1/8 oz., \$1.00.....				7.00	.25
Giant Perfection, Scarlet. 1/8 oz., \$1.00.....				7.00	.25
Giant Perfection, Yellow. 1/8 oz., \$1.00.....				7.00	.25
Giant Perfection, Finest Mixed. All colors. 1/8 oz., \$1.00.....				6.00	.25
Large Flowering Ten Weeks, Mixed Colors. 1/8 oz., 75 cts.....	1			3.00	.10
Large-Flowering. Collection of Six Colors.....					1.25
Large-Flowering. Collection of Nine Colors.....					2.00
Winter-Flowering Stocks:					
Cut-and-Come-Again, Princess Alice. Double white. 1/8 oz., \$1.00.....	2			6.00	.25
Beauty of Nice. Splendid rose color. 1/8 oz., \$1.00.....	2			5.00	.25
Crimson King. Brilliant fiery crimson. 1/8 oz., \$1.00.....				5.00	.25
Empress Elizabeth. Carmine rose. 1/4 oz. \$1.00.....					
Giant Abundance. Carmine-rose. 1/8 oz. \$1.00.....				6.00	.25
Mont Blanc. Pure white. 1/8 oz. \$1.00.....				6.00	.25
Queen Alexandra. Delicate rosy lilac. 1/8 oz. \$1.00.....				5.00	.25
White Lady. Large double snow white. 1/4 oz. \$1.25.....					.25
Yellow, Monte Carlo. Clear yellow. 1/8 oz., \$1.00.....				6.00	.25
East Lothian. Valuable for beds or borders and for greenhouses during the Winter months. For early Summer flowering, the seed should be sown in the Fall and plants Wintered over in frames. Seed can be sown in the Summer and plants lifted for Winter flowering in the greenhouse					
East Lothian, Crimson. 1-16 oz., \$1.00.....					.25
East Lothian, Brilliant Rose. 1-16 oz., \$1.00.....					.25
East Lothian, Purple. 1-16 oz., \$1.00.....					.25
East Lothian, Scarlet. 1-16 oz., \$1.00.....					.25
East Lothian, White. 1-16 oz., \$1.00.....					.25
East Lothian, Finest Mixed. 1-16 oz., \$1.00.....					.25
STREPTOCARPUS Hybridus. Choice mixed.....	1/2	G.P.			.50
SUNFLOWER. Decorative plants with masses of yellow flowers.....					
Double Californian. Orange.....	5	H.A.		.40	.10
Single Russian. Enormous flowers.....	4			.20	.05
Double Globe-shaped. Orange.....	6			.35	.10
Chrysanthemum-Flowered. Rich golden yellow flowers.....	7			.50	.10
Cucumerifolius (Miniature Sunflower). Of pyramidal growth; covered with bright orange, small, single flowers.....	3			.60	.10
Marshall's "Excelsior" Cucumerifolius Hybrids. The colors vary from shades of red, purple, mahogany and yellow. Very free flowering and valuable for cutting. 1/8 oz., 50 cts.....					
Orion. A variety of Stella with twisted petals.....	3	H.A.		.60	.15
Red Hybrids, "The Red Sunflower." Large flowers in various shades of red and dark centers.....	6			.50	.10
Stella (Improved Miniature Sunflower). Yellow.....	3			.60	.10
Cucumerifolius Hybridus fl. pl. Splendid double varieties.....	3			.60	.10
Perennis Hybrids. Mixed hardy varieties.....	3	H.P.			.15
SWEET SULTAN. (See Centaurea.)					
SWEET PEAS. See pages 50 and 51.					
SWEET ROCKET. (See Rocket.)					
SWEET WILLIAM (Dianthus Barbatus). Showy hardy biennials of easy culture; splendid for beds and borders with their rich varied flowers.....					
Double-Flowering, Mixed. 1/4 oz., 30 cts.....	1 1/2	H.P.		1.00	.10
Single-Flowering. Dark crimson. 1/4 oz., 25 cts.....				.60	.10
Carmine Beauty. A charming shade of color. 1/4 oz., 75 cts.....				2.00	.15
Diadem. A deep rich crimson, with white eye. 1/4 oz., 50 cts.....				1.50	.10
Giant White. A fine type of self-colored white. 1/4 oz., 75 cts.....				2.50	.10
Newport Pink. Salmon rose-pink flowers borne on long stems. 1/4 oz., 75 cts.....				2.00	.10
Scarlet Beauty. Intensely rich deep scarlet. 1/4 oz., \$1.00.....				3.50	.10
Pink Beauty. Very free-flowering. 1/4 oz., 75 cts.....				2.00	.15
Single-Flowering, Finest Mixed Colors.....				.50	.05
Single Annual Mixed. Flowers of good size. Will bloom the first year.....	3/4			2.00	.10
Collection of Sweet William. Six varieties.....					.50



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
TAGETES, Signata Pumila.	A dwarf, bushy Marigold with golden yellow flowers. Fine for bedding. $\frac{1}{4}$ oz. 30 cts.	1	H.A.	\$1.00	\$0.10
THUNBERGIA.	Beautiful rapid-growing climbers. Mixed colors.	5	H.H.A.	1.00	.10
TORENIA.	Tender trailing plants for vases or baskets.				
Fournieri.	Velvety blue.	1	H.H.A.		.25
"The Bride."	White and rose.				.25
TRITOMA, Semperflorens.	Orange red. $\frac{1}{8}$ oz. 50 cts.	3	H.P.		.15
Hybrida Mixed.	Red and orange colors.	3			.25
TROPÆOLUM Lobianum.	(See <i>Nasturtium</i> .)				
VERBENA.	One of our most valuable bedding plants.				
Helen Willmott.	A very pretty bright salmon rose, with white eye.	1	H.A.		.15
Mammoth Candidissima.	Large trusses of white flowers. $\frac{1}{4}$ oz. 75 cts.	1		2.00	.15
Mammoth Cærulea.	Bright blue and purple in various shades.	1		2.00	.15
Mammoth Lucifer.	Intense brilliant scarlet with no eye. $\frac{1}{4}$ oz. 75 cts.	1		2.00	.15
Mammoth Pink Shades.	$\frac{1}{4}$ oz. 75 cts.	1		2.00	.15
Mammoth Yellow.	Primrose color. $\frac{1}{4}$ oz. 75 cts.	1		2.00	.15
Hybrida Gigantea Mixed.	A greatly improved strain producing giant florets in many colors. $\frac{1}{4}$ oz. \$1.00.	1		3.50	.15
Mammoth Finest Mixed.	Extra choice. $\frac{1}{4}$ oz. 75 cts.	1		2.00	.10
Lemon Verbena (Aloysia Citriodora).	Scented leaves.		G.S.		.15
Venosa.	Purple flowers. Blooms the first year from seeds.	1	H.H.P.	1.00	.10
VERBASCUM Phœniceum.	Long slender stems with numerous flowers in various colors, including white, pink, blue, mauve and purple. $\frac{1}{4}$ oz. 50 cts.	1	H.P.		.10
VERONICA Spicata.	Bright blue flowers.	1½	H.P.		.15
VINCA.	Very showy for garden beds.	2	H.H.P.		
Alba pura.	Pure white. $\frac{1}{4}$ oz. 60 cts.			2.00	.15
Alba Rosea.	White, crimson eye. $\frac{1}{4}$ oz. 60 cts.			2.00	.15
Delicata.	A beautiful soft rose color. $\frac{1}{4}$ oz. 50 cts.			1.50	.15
Rosea.	Rose, dark eye. $\frac{1}{4}$ oz. 60 cts.			2.00	.15
Mixed.	$\frac{1}{4}$ oz. 50 cts.			1.50	.10
VIOLA, Scotch or Tufted Pansies.	Valuable for bedding and may be grown in the same manner as Pansies. Very free-flowering.	½	H.H.P.		
Golden Gem.	Yellow. $\frac{1}{8}$ oz. 75 cts.				.15
Lady in White (Snowflake).	$\frac{1}{8}$ oz. 75 cts.				.15
Lutea grandiflora.	Orange. $\frac{1}{8}$ oz. 75 cts.				.15
Mauve Queen.	Pretty mauve. $\frac{1}{8}$ oz. 75 cts.				.15
Purple King.	Purple, new. $\frac{1}{8}$ oz. 75 cts.				.15
White Perfection.	The best white. $\frac{1}{8}$ oz. 75 cts.				.15
Finest Mixed.	All colors. $\frac{1}{4}$ oz. \$1.00.				.15
VIOLET.	Sweet-scented violet, blue.	½	H.H.P.		.10
VISCARIA.	Mixed colors; large, showy flowers.	1	H.A.	.50	.10
WALLFLOWER, Annual.	Flowers July to Fall from seeds sown in February.				
Annual, Early Paris Market.	Bright brown. $\frac{1}{4}$ oz. 35 cts.		H.A.	1.00	.15
Annual, Blood-Red.	$\frac{1}{4}$ oz. 35 cts.	1		1.00	.15
Annual, Fine Mixed.		1		.50	.10
Kewensis.	A Winter-flowering variety. $\frac{1}{8}$ oz. 50 cts.	1		3.00	.15
Single Fine Mixed.	Hardy varieties. $\frac{1}{4}$ oz. 25 cts.	1		.75	.10
Double Fine Mixed.	Hardy varieties. $\frac{1}{8}$ oz. 75 cts.		H.H.P.		.15
XERANTHEMUM.	Finest double mixed. $\frac{1}{4}$ oz. 30 cts.		H.H.P.		.10
ZINNIA (Youth and Old Age).	Bushy plants, bearing large, showy flowers during Summer and Fall.	2	H.A.		
Elegans fl. pl. Matchless Double.	Crimson. $\frac{1}{4}$ oz. 50 cts.			1.50	.10
Elegans fl. pl. Matchless Double.	Purple. $\frac{1}{4}$ oz. 50 cts.			1.50	.10
Elegans fl. pl. Matchless Double.	Purple. $\frac{1}{4}$ oz. 50 cts.			1.50	.10
Elegans fl. pl. Matchless Double.	Rose. $\frac{1}{4}$ oz. 50 cts.			1.50	.10
Elegans fl. pl. Matchless Double.	Scarlet. $\frac{1}{4}$ oz. 50 cts.			1.50	.10
Elegans fl. pl. Matchless Double.	White. $\frac{1}{4}$ oz. 50 cts.			1.50	.10
Elegans fl. pl. Matchless Double.	Yellow. $\frac{1}{4}$ oz. 50 cts.			1.50	.10
Elegans fl. pl. Matchless Double.	Fine mixed. $\frac{1}{4}$ oz. 40 cts.			1.25	.10
Achievement.	It is distinct from other Zinnias by the shape of its petals, which are tubular at the base and expand in a Cactus-like form at the tips. Very large flowers in various shades.	2			.25
Dahlia-Flowered.	These are similar to the Double Dahlia in size and shape of flowers.				
Dahlia-Flowered Dark Cerise.		2			.25
Dahlia-Flowered Lavender Pink.		2			.25
Dwarf Salmon Rose.	A good bedder. $\frac{1}{4}$ oz. 50 cts.	1		1.50	.10
Dwarf. Scarlet Gem.	Fine for bedding. $\frac{1}{4}$ oz. 35 cts.	2		1.00	.10
Dwarf. Large-flowering, double mixed.	$\frac{1}{4}$ oz. 25 cts.	1		.75	.10
Tall Double, Mixed.	Very double; a fine strain.	2½		.60	.05
Collection of Six Colors, Matchless Double Varieties.					.50

SWEET PEAS

There are no Annual Climbers that are more popular or more admired by everybody than Sweet Peas. They are of the easiest culture, unrivalled for cutting, delightfully fragrant and of the brightest and daintiest colors imaginable. As soon as the ground can be worked in the Spring, sow the seed in trenches at least 6 inches in depth, then as the plants grow fill in the soil about one inch at a time until the trenches are full, taking care not to cover the young plants. Liquid manure applied occasionally will be found very beneficial. Pick the flowers frequently, for if allowed to form seed the plants will soon stop blooming.

MARSHALL'S SPENCER TYPE SWEET PEAS

The Spencer types of Sweet Peas are a great improvement over the Large-Flowering varieties. For cutting and exhibition purposes they are indispensable. The following varieties are a selection of the many kinds of this class best adapted for general use.

	Pkt.	Oz.	¼ lb.
America. Bright scarlet-red flaked on white, of the Countess Spencer type.....	\$0.10	\$0.40	\$1.25
Apple Blossom Spencer. Rose standards, bluish rose wings, beautifully waved.....	.10	.40	1.25
Asta Ohn. Lavender, tinted with mauve. Large and wavy wings.....	.10	.50	1.50
Barbara. The best salmon for exhibition purposes.....	.10	.40	1.25
Blanche Ferry Spencer. Rose standard with white wings.....	.10	.40	1.25
Black Knight Spencer. Rich deep maroon.....	.10	.40	1.25
Captain of the Blues. Maroon purple, wings blue.....	.10	.40	1.25
Constance Hinton. Very large, black-seeded white.....	.10	.40	1.25
Countess Spencer. Soft rose pink; large wavy petals.....	.10	.40	1.25
Dainty Spencer. White edged with rose.....	.10	.40	1.25
Decorator. Rich rose overlaid with terra cotta, intensifying to deep bright orange at base of wings.....	.10	.40	1.25
Dobbie's Cream. Beautifully frilled primrose.....	.10	.50	1.50
Edward Cowdy. The best orange scarlet.....	.10	.50	1.50
Elfrida Pearson. Bluish pink deepening toward the edges.....	.10	.40	1.25
Fiery Cross. A fine red or scarlet, without any shading.....	.10	.75	2.50
Florence Morse Spencer. Light pink, edged with darker pink.....	.10	.40	1.25
Flora Norton Spencer. Bright blue with a small tint of purple.....	.10	.40	1.25
Hercules. Rich clear rose-pink. Larger than Countess Spencer.....	.10	.40	1.25
Helen Lewis. A fine crimson-orange, wings orange-rose.....	.10	.40	1.25
Illuminator. Brilliant salmon pink, very beautiful variety.....	.10	.50	1.50
Jean Ireland. Creamy buff, standards margined carmine rose.....	.10	.60	2.00
John Ingram. Rich carmine-rose.....	.10	.40	1.25
King Edward Spencer. Bright crimson-scarlet.....	.10	.50	1.50
King White. A perfect white Spencer, immense petals; finely frilled.....	.10	.75	2.50
Lavender George Herbert. Bluish lavender. A grand flower.....	.10	.40	1.25
Lady Evelyn Eyre. Bluish pink, white ground; very vigorous grower.....	.10	.40	1.25
Loyalty. White, flaked royal blue.....	.10	.40	1.25
Margaret Atlee. Salmon pink, suffused over a cream ground.....	.10	.50	1.50
Margaret Madison. Delicate azure blue, slightly shaded mauve.....	.10	.50	1.50
Maud Holmes. A deep carmine scarlet color; of the true Spencer type.....	.10	.40	1.25
Menie Christie. Purplish carmine, standard wings rosy.....	.10	.40	1.25
Miram Beaver. Beautiful shell salmon pink, cream ground.....	.10	.50	1.50
Mrs. J. Balmer. A beautiful creamy-apricot pink.....	.10	.40	1.25
Mrs. Cuthbertson. Standard rose-pink, wings nearly white.....	.10	.40	1.25
Mrs. Routzahn Spencer. Apricot on buff, suffused with delicate pink.....	.10	.40	1.25
Mrs. W. J. Unwin. Orange-scarlet, flaked on white; long stems.....	.10	.30	1.00
Nubian. Deep chocolate self; one of the best.....	.10	.60	2.00
Orchid. Rich deep lavender, slightly suffused pink on wings and standards.....	.10	.50	1.50
Othello. A rich deep maroon of true Spencer type.....	.10	.40	1.25
Primrose Spencer. Primrose or creamy yellow.....	.10	.40	1.25
Queen. (Sutton's). Pink, on cream, distinctly waved.....	.10	.40	1.25
Queen Alexandra Spencer. Crimson scarlet.....	.10	.40	1.25
Robert Sydenham. A bright orange-salmon self-colored; immense size.....	.10	.50	1.50
Royal Purple. A rich royal-purple.....	.10	.50	1.50
Ruby Spencer. The best scarlet, self-color.....	.10	.40	1.25
Scarlet Emperor. One of the largest and brightest scarlets.....	.10	.75	2.50
Sincerity. The finest scarlet cerise.....	.10	.50	1.50
Sterling Stent. Salmon orange-pink. Beautifully waved.....	.10	.75	2.50
Tennant Spencer. Purplish-mauve; very attractive.....	.10	.40	1.25
Wedgewood. Silvery blue; flowers well placed on long stems.....	.10	.75	2.50
White Spencer. A pure white with long, strong stems.....	.10	.50	1.50
Marshall's Matchless Mixed Spencer Hybrids. From named varieties.....	.10	.35	1.00

COLLECTIONS OF SPENCER SWEET PEAS

12 varieties of Spencer Hybrids named for \$1.00, 18 varieties named for \$1.50.

**SWEET PEAS.****WINTER VARIETIES**

The following are adapted for sowing in the Fall in the greenhouse for flowering during the Winter season.

GRANDIFLORA WINTER VARIETIES

	Pkt.	Oz.
Christmas Pink. Pink and White.....	\$0.10	\$0.25
Christmas White. A companion to		
Christmas Pink.....	.10	.25
Flamingo. Crimson.....	.10	.25
Le Marquis. Violet, large flowers.....	.10	.25
Mrs. Alex. Wallace. Lavender.....	.10	.30
Mrs. C. H. Totty. Sky blue.....	.10	.25
Mrs. F. J. Dolansky. Daybreak pink...	.10	.25
Mrs. William Sim. Salmon pink.....	.10	.25

NEW LONG SEASON SPENCERS

These California Novelties produce handsome flowers with long stems, are remarkable for their floriferousness and length of blooming period. They can be grown outside or are suitable for forcing under glass.

	Pkt.	¼ oz.	Oz.
Early King. A glowing rich bright crimson.....	\$0.25	\$0.60	\$2.00
Early Lavender King. A true deep lavender.....	.25	.60	2.00
Early Melody. A deeper shade of pink than Early Song Bird, on white ground.....	.25	.60	2.00
Early Morning Star. A deep orange-scarlet, with rich orange pink wings.....	.25	.60	2.00
Early Snowflake. The best early flowering white-seeded Spencer.....	.25	.60	2.00
Early Snowstorm. Pure white.....	.25	.60	2.00
Early Song Bird. A beautiful soft shade of pink, very large flowers.....	.25	.60	2.00
Early Spring Maid. The color is a light pink on a cream ground.....	.25	.60	2.00

ORCHID-FLOWERING WINTER VARIETIES

	Pkt.	¼ oz.	Oz.
Fordhook Pink. Pink suffused with lavender.....	\$0.25	\$0.75	\$2.00
Fordhook Rose. A charming shade of rosy-carmine.....	.25	.75	2.00
Lavender Orchid. Very large lavender pink flowers.....	.25	.50	1.50
Mrs. A. A. Skach. A beautiful bright pink self.....	.25	.50	1.50
Mrs. M. Spanolin. The purest white; black-seeded.....	.25	.50	1.50
Orchid Beauty. Dark rose, blushed with orange.....	.25	.50	1.50
Pink and White Orchid. Extra large flowers on long stems.....	.25	.50	1.50
President Wilson. Beautiful magenta rose.....	.25	.50	1.50
Red Orchid. Bright cherry red, very fine shape.....	.25	.50	1.75
Rose Queen. Beautiful rose-pink.....	.25	.50	1.50
Venus. Standard white, slightly blushed pink, wings white.....	.25	.50	1.50
White Orchid. One of the best whites. White-seeded.....	.25	.50	1.50
Yarrawa. The finest pink forcer.....	.25	.50	1.50

CUPID, OR DWARF SWEET PEAS

These grow about 9 inches high and are adapted for borders or beds.

Finest Mixed Colors. Pkt. 10c., oz. 30c., ¼ lb. \$1.00, lb. \$3.00.



Sweet Pea. Wedgwood.

"MULFORD CULTURES" FOR SWEET PEAS

Sweet Peas flower earlier, longer and better treated with Mulford Cultures.

Small Size, 25c.; garden size, 50c.

HARDY EARLY-FLOWERING CHRYSANTHEMUMS

The early-flowering Chrysanthemums are of great value for outdoor planting. They are all large-flowered and mature their bloom early enough to avoid being hurt by frost.

The following list is selected from a large number of varieties for their freedom of bloom and variety of colors.

Chaldon. Large flowers, reddish crimson in color, with gold tips to the florets.

Cranford's Pink. Large rose-pink flowers.

Cranford's White. Large white, shell-pink when grown in the open.

Cranford's Yellow. A strong grower and free-flowering yellow.

Eden. Beautifully formed flowers, rose-pink in color.

Glory of Seven Oaks. Very free flowering, golden yellow color.

Groachers Crimson. Bright crimson, very large flowers, dwarf habit.

L'Argentuillais. The best of the red varieties; fine for cutting.

Leslie. Golden yellow in color; very early and free flowering.

Maduse. Flowers rather loosely built; terra cotta bronze in color.

Miss F. Collier. A tall variety, with white flowers.

Nina Blick. Very dwarf growing; golden bronze changing to yellow.

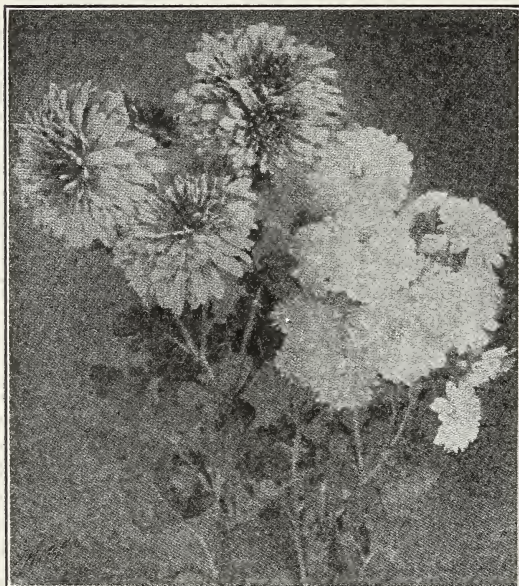
Normandie. Very delicate pink or white, varying under growing conditions.

Rosie. Deep, rich bronze in color; medium height.

Plants from 2½ inch pots; each 15c., doz. \$1.50, 100 \$10.00.

HARDY CHRYSANTHEMUMS

The Hardy Chrysanthemums should be in every garden, as they give an abundance of flowers late in the Fall. Plants should be set in April and May to flower the same year.



Hardy Chrysanthemum

LARGE-FLOWERING, or ASTER VARIETIES

Austin. Lilac rose; cut petals.

Bradshaw. Silver pink, full flowers.

Elkon. Light pink, full large flowers.

Excellence. Pure white; tall grower.

Findon. Violet rose.

Fred J. Red orange.

Germania. Large straw white.

Irene. Pure white shaded pink, early.

Julia Lagravere. Crimson maroon.

Lilian Doty. The finest pink.

Lelia. Bright brick red.

Loreley. Yellow, tinged pink.

Miss Emma. Golden bronze; tall.

Peto. Rich bronze.

Queen of Whites. Creamy white.

Silver Queen. Light silver pink.

Sir Michael. Lemon yellow.

St. Illoria. Silver rose.

Sylvia. Scarlet bronze.

Triomphe d'Or. Rich golden yellow.

Urith. Bronze, tipped yellow.

Windless. Rich orange yellow, large flowers.

SMALL POMPON, or BUTTON VARIETIES

Alice Carey. Pure yellow.

Cerise Queen. Cerise pink.

Dawn. Daybreak pink.

Henrietta. Bronze, yellow edge.

James Boone. Pure white.

Ruby Queen. Dark ruby red.

SINGLE-FLOWERING VARIETIES

Aron. Bronze scarlet.

Little George. Violet red.

Pink Daisy. Light pink.

Providence. Early white.

Rosy Morn. Silver pink.

Wallis. Pure yellow.

Any of the above plants from 2-inch pots: Each 15c., doz. \$1.50, 100 \$10.00.

CHRYSANTHEMUMS. Greenhouse Varieties

We shall be pleased to supply Exhibition, General and Single Varieties at growers prices for delivery in season from 2¼ inch pots.

**ANTIRRHINUM. Snapdragon**

One of the most widely grown plants for greenhouse flowering and outside bedding.

Keystone. Clear rose pink.

Nelrose. Deep pink.

Phelps' Giant White. The best white variety.

Roselle. Very early; fine rose pink.

Silver Pink. A beautiful shade of light pink.

Yellow Giant. Very large flowering; yellow.

Plants of any of the above in season, 2¼-in. pots, doz. \$1.75, 100 \$12.00.

BEDDING PLANTS

	Doz.	100		Doz.	100
AGERATUM. Blue or white.....	\$1.50	\$10.00	COLEUS Golden Bedder	\$1.25	\$8.00
ASTERS. Double; assorted.....	1.00	6.00	Hero. Dark leaves.....	1.25	8.00
BEGONIA Vernon	1.50	10.00	Mrs. Hays. Yellow and crimson..	1.25	8.00
Luminosa	1.50	10.00	DAISY, English. Red and white...	1.00	7.00
CANNAS. From 3-in. pots.			FORGET-ME-NOT. Blue.....	1.00	7.00
Florence Vaughan. Yellow, spot-			FUCHSIAS. Named varieties.....	1.50	10.00
ted crimson.....	2.00	12.00	GERANIUM. Named varieties.....	3.00	22.00
Gladiator. Yellow, spotted red....	2.00	12.00	Ivy-leaved Sorts.	2.50	20.00
Gustav Gumper. Rich yellow..	2.00	12.00	HELIOTROPE, Chieftain. Blue..	1.50	10.00
King Humbert. Scarlet.....	2.00	14.00	Mme. de Blonay. White.....	1.50	10.00
Mad. Crozy. Red and yellow.....	2.00	12.00	LOBELIAS. Blue dwarf.....	1.50	10.00
Mrs. Alf. Conard. Salmon-pink...	2.00	14.00	LEMON VERBENA	1.50	10.00
Richard Wallace. Canary yellow.	2.00	12.00	MARIGOLDS. Dwarf, French.....	1.25	9.00
Queen Charlotte. Orange.....	2.00	12.00	MOONFLOWER. White flowers...	2.00	15.00
Venus. Rose pink, mottled white.	2.00	12.00	PANSIES. Large, fancy mixed.....	1.00	7.00
Mixed French Varieties.	2.00	12.00	PETUNIA. Double varieties.....	1.50	
CENTAUREA gymnocarpa	1.50	10.00	Single varieties.....	1.00	10.00
COBÆA scandens. Blue.....	1.50	10.00	SALVIA Bonfire. Scarlet.....	1.25	9.00
			Splendens.	1.25	9.00
			Zurich. Dwarf.....	1.25	9.00
			VERBENAS. Finest mixed.....	1.00	7.00
			VINCAS, rosea and alba	2.50	20.00
			ZINNIAS. Double mixed.....	1.00	6.00

CARNATIONS. Choice Varieties

Aviator. Scarlet.

Beacon. The best scarlet.

Benora. Color cream white, red markings.

Cottage Maid. Clear shell pink.

Enchantress. Shell pink.

Enchantress Supreme. Salmon pink.

Matchless. A very fine white.

Mrs. C. W. Ward. Pleasing shade of pink.

Princess Dagmar. Crimson.

White Enchantress. Pure white.

White Perfection. Large, white.

White Wonder. Large, pure white.

Winsor. Clear silver pink.

Yellow Prince. The best yellow.

Rooted cuttings. Spring delivery. Doz. \$1.50, 100 \$11.00.

Plants from 2¼-in. pots (Spring delivery): Doz. \$2.00, 100 \$14.00.

Field-grown plants (Fall delivery): Doz. \$3.00, 100 \$22.00.

GREENHOUSE PLANTS

	2¼-in. pots	3-in. pots
	Doz.	100
BEGONIA Glory of Cincinnati	\$2.00	\$12.00
Gloire de Lorraine	2.00	12.00
Florence Davenport	2.00	12.00
Melior	2.50	16.00
CYCLAMEN giganteum mixed	2.50	18.00
GARDENIA Veitchii.	2.50	18.00
MARGUERITE, Mrs. F. Sander. 2¼-inch pots.....	2.00	14.00
Boston Yellow Daisy. 2¼-inch pots.....	2.00	14.00
POINSETTIAS. 2¼-inch pots.....	3.00	20.00
PRIMULA obconica grandiflora. 2¼-inch pots.....	2.00	12.00
Malacoides. 2¼-inch pots.....	2.00	12.00
Sinensis fimbriata. 2¼-inch pots.....	2.00	12.00
POLYANTHUS, Sim's Giant Yellow. 2¼-inch pots.....	2.50	16.00
SMILAX. A popular greenhouse climber. 2¼-inch pots.....	1.50	10.00
STEVIA Serrata. Dwarf or Tall. 2¼-inch pots.....	1.50	10.00
SWAINSONA, Alba or Rosea. 2¼-inch pots.....	2.00	12.00
VIOLETS, Marie Louise. 2¼-inch pots.....	1.25	8.00
Princess of Wales. 2¼-inch pots.....	1.25	8.00

Field-grown roots of Violets (Fall delivery): Doz. \$2.50, 100 \$18.00.

Orders for any of the above plants will be shipped in their season of delivery. Prices subject to change.

AQUATIC PLANTS FOR FOUNTAINS, LAKES, ETC.

CHOICE HARDY NYMPHÆAS

The following are a selection of the best hybrids for ponds and fountains. We recommend planting in May.

<i>Eugenia de Land.</i> Extra large, deep rose-pink flowers.	Each
<i>Gladstonia.</i> One of the finest white Lilies in cultivation	\$1.50
<i>Helen Fowler.</i> Color very deep pink and very fragrant.	.75
<i>James Brydon.</i> A superb variety, with rosy crimson flowers.	.75
<i>Marliacea albida.</i> Flowers large, white; stamens yellow; fragrant.	2.00
<i>Marliacea carnea.</i> A soft flesh pink, deepening at the base of petals.	.75
<i>Marliacea rosea.</i> Large flowers, deep rose color.	1.00
<i>Odorata.</i> The fragrant Pond Lily of the North. Pure white.	1.50
<i>Odorata, W. B. Shaw.</i> A rich rose-pink color and very fragrant.	.25
<i>Odorata Sulphurea.</i> Sulphur yellow; fragrant flowers.	.75
<i>Paul Hariot.</i> Canary yellow, shaded pink at the base of the petals.	.75
<i>Pygmæa.</i> The smallest Water Lily in cultivation. Pure white.	1.50
	.75

TENDER NYMPHAEAS (Day Blooming)

Tender Nymphæas should be planted about the first of June, when warm, settled weather is assured.

<i>Gracilis.</i> Flowers white, 6 to 8 in. across.	Each
<i>Mrs. C. W. Ward.</i> Color deep rosy pink, with golden yellow stamens.	\$2.00
<i>Pulcherrima.</i> A beautiful, light blue variety.	2.00
<i>William Stone.</i> A rich violet blue. Very desirable.	2.00
<i>Zanzibariensis.</i> A superb variety of the deepest purple.	2.00
<i>Zanzibariensis rosea.</i> Flowers rose, of various shades.	1.50
	1.00

NELUMBIUMS

They are of easy culture and are hardy, providing the tubes are kept free from frost.

<i>Album grandiflorum.</i> Large, pure white flowers.	2.00
<i>Perkinsis rubrum.</i> Flowers brilliant rosy crimson.	2.50
<i>Luteum</i> (The American Lotus). Flowers creamy yellow.	1.50
<i>Speciosum</i> (Egyptian Lotus). Beautiful rose flowers.	2.50

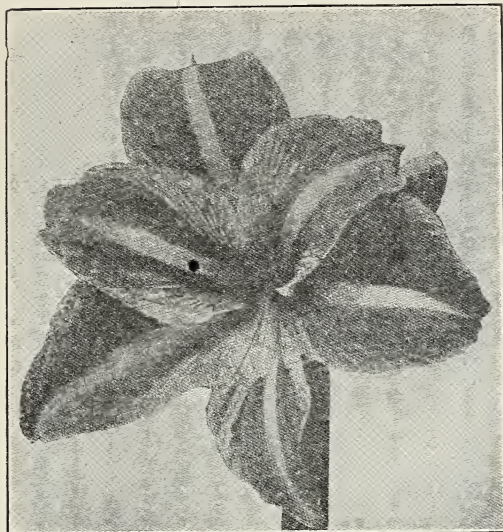
MISCELLANEOUS AQUATICS

<i>ACORUS Japonica variegata</i> (Variegated Sweet Flag)	Each	Doz.
<i>CYPERUS alternifolius.</i> An excellent plant for growing in water and damp places.	\$0.25	\$2.50
<i>EICHORNIA Crassipes major</i> (Water Hyacinth). A very showy, floating aquatic, bearing flowers of a delicate lilac rose in trusses.	.25	2.50
<i>JUSSLËA longifolia.</i> Rich golden yellow flowers. A good plant for tubs or planting on edge of ponds.	.20	2.00
<i>LIMNANTHEMUM indicum</i> (Water Snowflake). Snow white flowers.	.25	2.50
<i>LIMNOCHARIS Humboldt</i> (The Water Poppy). A pretty little aquatic with oval leaves and yellow flowers.	.25	2.50
<i>MYRIOPHYLLUM proserpinacoides</i> (Parrot's Feather). A trailing aquatic plant with delicate foliage.	.20	2.00
<i>SCIRPUS Tabernæmontanus zebrina.</i> A variegated, hardy bush, growing 3 to 4 ft. high.	.20	2.00
	.25	2.50

PALMS AND DECORATIVE PLANTS

<i>ADIANTUM croweanum.</i> The hardiest Maiden-hair. 4-in. pots, each \$1.00; 5-in. pots, each \$1.25.	<i>NEPHROLEPIS Bostoniensis</i> (Boston Fern). 4-in. pots, each \$1.00; 5-in. pots, each \$1.50; 6-in. pots, each \$2.00.
<i>ASPARAGUS plumosus nanus.</i> Graceful, climbing Asparagus; beautiful, bright green, feathery foliage. 3-in. pots, doz. \$2.25; extra size, 4-in. pots, doz. \$3.50.	<i>Scotti.</i> Fine for house decoration. 4-in. pots, each \$1.00; 5-in. pots, each \$1.50.
<i>Sprengeri.</i> Fine for baskets. 3-in. pots, doz. \$2.25; 4-in. pots, each 40c.; doz. \$4.00.	<i>PANDANUS Veitchii.</i> Graceful, light green leaves, beautifully marked, with broad stripes and bands of pure white. 5-in. pots, each \$2.50; 6-in. pots, each \$4.50.
<i>COCOS Weddelliana.</i> Fine for table decorations. 3-in. pots, each 75c.; 4-in. pots, each \$1.50.	<i>PHŒNIX Roebelenii.</i> Combines the graceful appearance of the Cocos and the hardiness of the Kentia. 4-in. pots, each \$3.00; 5-in. pots, each \$5.00.
<i>DRACÆNA indivisa.</i> Long, graceful foliage. Extensively used for vases. 4-in. pots, each 50c.; doz. \$3.50; 5-in. pots, each 85c.; doz. \$8.50.	<i>PTERIS FERNS.</i> In variety. For fern dishes and decorating. Doz. \$1.50, 100 \$10.00.
<i>KENTIA Belmoreana</i> or <i>Forsteriana.</i> The most popular parlor palm. 3-in. pots, each \$1.00; 4-in. pots, each \$2.00; 5-in. pots, each \$4.00; 6-in. pots, each \$5.00.	<i>TABLE FERNS.</i> In variety. For fern dishes and ferneries. Doz. \$1.50, 100 \$9.00.

SUMMER FLOWERING BULBS



Amaryllis Vittata

AGAPANTHUS

Umbellatus (Blue Lily of the Nile). A most desirable plant for outdoor decoration; planted in large pots or tubs on the lawn or piazza. Pot-grown plants. Each 60c., doz. \$6.00.

AMARYLLIS

They should be grown in rich, sandy loam, with good drainage, and require abundant moisture when growing; but at their season of rest water should be given sparingly.

Formosissima (Jacobean Lily). Brilliant scarlet. Each 20c., doz. \$1.75.

Hippeastrum, Veitch's and Ker's New Hybrids. The finest race of Amaryllis in cultivation. Each \$1.50, doz. \$15.00.

Johnsonii. Crimson, striped with white. Extra large bulbs. Each 50c., doz. \$5.00.

Lycoris squamigera (Halli). Perfectly hardy variety, producing beautiful pink flowers. Each 50c., doz. \$4.50, 100 \$30.00.

Regina. Soft light scarlet with white center and throat. Each 35c., doz. \$3.50.

Vittata Hybrids. Mixed colors. Each 50c., doz. \$5.00.

BEGONIAS

Splendid pot plants for the house or greenhouse, and especially valuable for bedding, flowering in the greatest profusion throughout the Summer. For bedding they should be started in hotbed in March and April.

SINGLE TUBEROUS-ROOTED

	Each	Doz.	100		Each	Doz.	100
Crimson	\$0.25	\$2.50	\$18.00	Scarlet	\$0.25	\$2.50	\$18.00
Deep Rose.....	.25	2.50	18.00	White.....	.25	2.50	18.00
Pink.....	.25	2.50	18.00	Yellow.....	.25	2.50	18.00

Extra large bulbs of the above varieties: Each 40 cts., doz. \$4.00, 100 \$30.00.

CALADIUM ESCULENTUM (Elephant's Ear)

	Each	Doz.	100
Grand tropical plant. A favorite for specimens on the lawn. Height 3 to 4 feet.			
First Size Bulbs, 5 to 7 inches in circumference.....	\$0.10	\$1.00	\$6.00
Large Bulbs, 7 to 9 inches in circumference.....	.15	1.50	10.00
Mammoth Bulbs, 9 to 11 inches in circumference.....	.25	2.50	15.00
Monster Bulbs, 12 inches and upward in circumference.....	.35	3.50	25.00

FANCY-LEAVED CALADIUMS

Beautiful variegated leaved plants adapted for pot culture or bedding if given sheltered positions.

Fancy-Leaved Named Varieties. New and rare sorts.....	\$0.50	\$5.00
Fancy-Leaved Named Varieties. Standard sorts.....	.35	3.50
Fancy-Leaved Mixed Varieties......	.30	3.00 \$20.00

CALLAS (Richardia)

	Each	Doz.	100
Aurata. (Lemon Calla.) Flowers light lemon yellow, with a jet black center. Very showy.....	\$0.25	\$2.50	\$18.00
Elliotiana. Flowers are large, rich, dark golden yellow, often 4 to 5 inches across the mouth. Leaves are beautifully spotted with white.....	.40	4.00	30.00
Spotted Leaf Calla (Richardia alba maculata). Dark green foliage, beautifully spotted white.....	.15	1.25	8.00

CINNAMON VINE

Dioscorea Batatas. A rapid growing Summer climber, with bright green, glossy foliage and spikes of cinnamon-scented, white flowers. Each 10c., doz. 75c., 100 \$5.00.

CRINUM ORNATUM

A stately plant of the Amaryllis family. Flower pure white, with a band of scarlet through each petal. Fine for pots or Summer garden. Each 35c., doz. \$3.50.



CANNAS

Cannas should not be planted until the warm weather sets in, or about May 15th. If planted too early the bulbs are apt to rot.

The following are a selection of the largest flowering varieties which we can recommend for bedding or borders. We shall be pleased to supply other varieties not named at catalogue prices.

	Doz.	100
Buttercup. Bright buttercup yellow. Green leaved.....	\$1.00	\$6.00
City of Portland. A beautiful pink bedding variety. Green foliage. 3 ft.....	1.00	7.00
Eureka. A very free blooming creamy white with green foliage.....	1.25	8.00
Firebird. A clear, glistening scarlet flower, with green-leaved foliage.....	1.25	8.00
Gladio-Flora. Crimson, changing to carmine rose, edged gold; 4 feet.....	1.00	7.00
Hungaria. The ideal pink bedder; large trusses of flowers; 3 ft.....	1.25	9.00
King Humbert. Bronze foliage, with orange-scarlet flowers; 4 ft.....	1.25	9.00
Meteor. The best brilliant crimson; a vigorous, healthy grower; 5 ft.....	1.00	7.00
Mrs. Alf. Conard. Exquisite salmon pink; very free flowering; 4 ft.....	1.50	10.00
Panama. An attractive rich orange-red, with edge of golden yellow; 3 ft.....	1.50	10.00
Rosea gigantea. Soft rose to carmine pink; flowers of giant size; 3½ ft.....	1.75	12.00
Wintzer's Colossal. The largest Canna. Vivid scarlet flowers; 5 ft.....	1.25	8.00
Yellow King Humbert. A beautiful shade of yellow slightly spotted red, with green foliage. 5 ft.....	1.00	6.00

DAHLIAS

The renewed popularity of the Dahlia in recent years has brought out many new sorts, and any one wishing to get the **cream** will find most of them in our collection, which can be recommended either for growing in competition, market purposes, or private collections, and embrace all classifications.

MATCHLESS CACTUS DAHLIAS

The following varieties comprise the cream of the novelties, which have been grown here and proved to be of extra merit.

- Bianca.** A delicate pink, lavender. Hybrid Cactus type. \$1.00.
 - Diavolo.** Yellow, striped and splashed chocolate and crimson. 35c.
 - Golden Gate.** An immense yellow Cactus. 30c.
 - H. H. Thomas.** A beautiful rich deep crimson incurved variety. 75c.
 - Kalif.** A pure glowing scarlet. Gigantic flowers on long stems. 75c.
 - Mercury.** Yellow ground, striped and speckled crimson. 50c.
 - Mrs. Brandt.** Gigantic, clear salmon buff. \$1.50.
 - Snowdon.** A very fine white for exhibition. 50c.
 - Scorpion.** An incurved beautiful clear yellow. 75c.
 - The Imp.** The nearest to black in a Cactus Dahlia. 75c.
 - Variabilis.** Beautiful deep orange, artistically tipped white. 50c.
 - Wodan.** Salmon pink color, with long and deep petals. 50c.
- Collection, one of each, 12 varieties, \$7.00.



Cactus Dahlia

SPECIAL COLLECTION OF CACTUS DAHLIAS

Containing a very choice collection of the leading varieties for cutting and exhibition.

- Countess of Lonsdale.** Beautiful salmon red.
- Eureka.** Violet crimson, shading to purple in center.
- Ella Kramer.** Rose pink; fine for cutting.
- F. H. Chapman.** Yellowish orange; fine flower.
- Forbes Robertson.** Beautiful reddish-orange.
- Ivanhoe.** Bright straw color. Long, narrow petals.
- Master Carl.** Immense, bright amber flowers.
- Mrs. W. H. Raby.** An extra fine cream white.
- Prince of Orange.** A rich shade of old gold at the outer petals with a bright yellow center.
- Reliable.** A combination of yellow, brick red and salmon.
- Rene Cayeux.** A very effective, rich ruby crimson.
- T. A. Havemeyer.** A distinct yellow shade at the base deepening to bronze, the greater portion of the flower being deep red.
- T. G. Baker.** The best yellow for exhibition.
- Wm. Marshall.** Rich orange, with golden center.

Strong roots. Each 25c., doz. of one variety \$2.50; collection, one of each 14 varieties \$3.25.

SUPERB DECORATIVE DAHLIAS

Our list has been revised, and only contains the best varieties for cutting and exhibition.

- Delice.** Beautiful, light pink; strong stems. 25c.
Elsie Davidson. A giant, deep yellow. 25c.
Giant Purple. A fine flower on long stems. 50c.
Hortulanus Witte. Pure white. 50c.
Jack Rose. Dark crimson. A free bloomer. 25c.
Jeanne Charmet. Beautiful lavender pink. 25c.
Le Grand Manitou. Chocolate and white. 35c.
Madame A. Lumiere. Pure white, with violet tips. 35c.
Manitou. Immense amber bronze flowers. 35c.
Papa Charmet. Brilliant coral red. 35c.
Souv. de Gus. Douzan. Orange scarlet. 25c.
Yellow Colosse. Bright yellow. 35c.

Collection, one of each 12 varieties, \$3.75.

PAEONY-FLOWERED DAHLIAS

Large flowers, with petals peculiarly twisted and curved.

- Bertha von Suttner.** Blush mauve, with rosy salmon tint. 50c.
Cæcilia. A wonderfully large creamy white. 50c.
Cæsar. Rich clear yellow. 35c.
Chicago. A clear purple. 75c.
Geisha. A wonderful scarlet and yellow. 50c.
Glory of Baarn. A light rose color. 35c.
H. J. Lovink. A beautiful shade of white and lilac. 50c.

John Green. The center is a clear golden yellow which changes to a fiery scarlet. 50c.

La Riente. A fine pink, with long stems. 25c.

Mme. Van Bystein. Rosy lilac, changing to light blue. 75c.

Phenomené. An exquisite salmon shade, suffused light amber. 25c.

Queen Wilhelmina. Pure white. 35c.

Collection, one of each 12 varieties, \$5.50.

COLLARETTE DAHLIAS

The flowers are single, with a smaller row of collar petals around the center.

Achievement. A clear rich velvet maroon, collar snow white, overlaid pinkish crimson. 35c.

Ami Nonin. Dark crimson edged lilac, collarette white. 75c.

Directeur Rene Gerard. Violet purple, shaded and tipped white, collarette white. 25c.

Henri Farnham. Yellow blending to red, collar delicate yellow. 50c.

Maurice Rivoire. A gorgeous rich crimson, with white collar and yellow center. 25c.

Meteor. Crimson maroon, slightly edged old gold, collarette cream white. 35c.

Souvenir de Chabanne. Lemon yellow with coral-red markings, collar petals yellow and white. 25c.

Collection, one of each seven varieties, \$2.50.

POMPON DAHLIAS

This class produces small, very double-quilled flowers, which are ideal for bouquet work.

Amber Queen. Rich clear amber. 15c.

Bobby. Plum color, one of the best. 15c.

Darkness. Dark maroon. 15c.

Fascination. Pink and lavender blotched white. 15c.

San Toy. White, heavily tipped carmine. 15c.

Snow Clad. The best pure white. 15c.

Collection, one of each six varieties, 75c.



Decorative Dahlia

CHOICE SHOW DAHLIAS

The following are a selection of the best varieties for cut flowers.

Acme of Perfection. Deep yellow, long stiff stems. 25c.

Acquisition. Exquisite deep lilac. 35c.

Ethel Maule. A pure, glistening white. 25c.

John Bennet. Yellow, deeply edged scarlet. 35c.

Perfection. Orange buff shades. 25c.

Primrose Dame. A lovely shade of primrose. 25c.

Rubens. Golden yellow, with orange center. 35c.

Storm King. The best reliable white. 20c.

Stradella. A beautiful deep purple-crimson. 20c.

Wm. Neats. Soft reddish fawn. 20c.

White Queen. Pure white with an occasional soft lilac flower on same plant. 25c.

W. W. Rawson. Pure white, overlaid blue. 25c.

Collection, one of each 12 varieties, \$3.00.

CHOICE SINGLE DAHLIAS

These have become very popular for cutting purposes. We list a few of the best varieties.

Adventure. A pleasing shade of pinkish-crimson, striped and splashed maroon. 25c.

Aubright Beauty. A pure waxy white. 35c.

Alva. Yellow speckled and tipped with pink. 25c.

Blanche. Yellow at the base, faintly tipped pink with a cast of white over the flower. 25c.

Elinor. Yellow, heavily tipped a light shade of crushed strawberry. 35c.

Elmwood. Pinkish crimson, striped. 25c.

Gladys. Clear soft pink, showing no lavender or purple tints. 25c.

Glowing Gem. A gorgeous deep crimson. 35c.

Man Friday. Deep maroon. 20c.

Mildred. A bright clear yellow. 35c.

Rose Pink Century. A rose pink shade. 25c.

Sadie. A beautiful pink, striped and speckled maroon. 25c.

Twentieth Century. Pure white and blush rose. 25c.

Collection, one of each 13 varieties, \$3.25.

GLADIOLUS NOVELTIES

The New **Gladiolus, Kunderdi Type**, described below is the result of years of scientific crossing and selection.

The waxy or ruffled petals were the first object sought, but many wonderful other varieties have been produced.

The stock we offer includes many of the Ruffled Types and grown by Mr. A. E. Kunderd and are well worthy of trial for exhibition and cutting purposes.

Cymbaline. A very showy red of unusual color.	Doz. 100	
	\$2.50	\$18.00
Giant White. An extra large white of great substance, with elegant, slight marking on lower petals.	2.75	20.00
Ida Van. A most beautiful, deep salmon red, or flaming orange pink.	1.25	10.00
Joe Coleman. Very large and vigorous rich red; ruffled.	2.50	
Kunderdi Glory. Beautiful creamy apricot with tint of pink and fine marking of red on lower petals; ruffled.	1.50	10.00
Orange Glory. Grand Orange colored, with beautiful lighter throat; ruffled.	5.00	45.00
Pride of Goshen. A salmon pink; flowers very large and elegantly waved.	2.00	15.00
Red Amaryllis. A most gorgeous and showy red.	2.00	15.00
Summer Beauty. A grand pink; very choice deep salmon; distinct shade. Tall and showy.	2.75	20.00
Theresa. Fine pink blushed white, beautifully penciled throat; half ruffled. Very free flowering, three and four spikes from each bulb.	2.00	15.00
White Glory. A gorgeous, pure white, with beautiful Iris-blue throat; ruffled.	5.00	35.00
Youell's Favorite. Striking rosy lavender pink; large and beautiful, ruffled flower.	3.25	25.00

PRIMULINUS HYBRIDS

A very select Mixture from the newest hybrids; the most beautiful and delicate tints are found among them and no race of Gladioli contains such harmonious blendings of color.

Selected Mixed. Doz. 50c., 100 \$3.50, 1000 \$30.00.

NEW PRIMULINUS GLADIOLUS

A new and beautiful race of Gladiolus produced from the fine yellow Primulinus.

	Each	Doz.	100
Bronze Queen. A distinct bronze color.	\$0.25	\$2.50	\$16.00
Capella. Tall, very bright, fiery, orange-red, choice flowers, very early.	.25	2.50	16.00
Distinction. Beautiful large yellow with carmine blotch.	.25	2.50	16.00
Elberton. Tall, finest creamy yellow. Lower petals much deeper.	.25	2.50	16.00
Fire Queen. A large scarlet with yellow blotch.	.25	2.50	16.00
Jane. A beautiful suffused salmon.	.25	2.50	18.00
Jane d'Oueff. A distinct salmon yellow.	.25	2.50	16.00
Lemon Pillar. A superb lemon yellow, long stems.	.25	2.50	16.00
Mr. Trueb. A beautiful salmon pink on long stems.	.30	3.00	20.00
Regulus. Large flowered, richest orange salmon and delicate yellow.	.25	2.50	16.00
Royal Sovereign. A distinct pure yellow.	.25	2.50	16.00
Type. A grand deep yellow, distinct in shade.	.25	2.50	16.00
Vesuvius. One of the best deep pink varieties.	.30	3.00	20.00





GLADIOLUS

There are no other Summer-flowering bulbs so satisfactory, needing so little attention and thriving so well in almost any ordinary soil as the Gladiolus. Set the bulbs from 3 to 6 inches apart in rows, or for massing 6 inches apart, and about 4 inches deep.

Our selection of varieties has been made from many and includes all those of exceptional merit and a wide range of colors.

NAMED HYBRID GLADIOLUS

	Each	Doz.	100
America. Large flower, beautiful flesh pink; beautiful for cutting; extra large bulbs.	\$0.10	\$0.75	\$5.00
Attraction. Deep dark, rich crimson, white throat.	.07	.70	5.00
Augusta. Lovely pure white, with blue anthers.	.07	.70	4.50
Blue Jay (Baron Hulot). The finest blue Gladiolus.	.10	1.00	7.00
Brenchleyensis. Verrilion scarlet.	.05	.50	3.50
Canary Bird. Fine yellow; extra good.	.15	1.25	10.00
Chicago White. White with lavender markings, very early.	.10	.80	5.50
Dawn (Gross). A beautiful coral pink, long graceful spike of magnificent flowers.	.80	8.00	60.00
Europe. Pure snow white, with long spikes and large flowers.	.20	2.00	13.00
Evelyn Kirtland. A beautiful shade of rosy-pink, darker at the edges, with scarlet blotches on the lower petals.	.70	7.00	50.00
Fire King. Long, graceful spikes of intense fire scarlet flowers.	.10	.75	5.00
Glory of Holland. A new white with slight tinting of pale pink and anthers of delicate lavender.	.10	1.00	6.00
Halley. A very attractive delicate salmon pink. Early flowering.	.10	.80	6.00
Hollandia. Similar to Brenchleyensis, only rosy-yellow in color.	.10	1.00	6.00
Klondyke. Light yellow, crimson maroon blotch.	.10	.75	4.50
La Couronne. Very large flowers, creamy white with throat spotted brown, bordered yellow.	.10	.80	5.00
Lavender America. A deeper pink, with more lavender tint than America. A very large and beautiful flower on long spikes.	.40	4.00	30.00
Mary Fennel. A beautiful deep lavender, lower petals penciled primrose yellow on pale lavender ground.	.35	3.25	25.00
Mrs. Francis King. Light scarlet of pleasing shade; long spikes one of the best for decorating; extra large bulb.	.10	.80	5.50
Mrs. Frank Pendleton. The flowers are very large, of lovely flushed salmon-pink, with brilliant carmine blotches in the throat.	.10	1.00	7.50
Myrtle. Delicate rose pink with creamy white throat.	.15	1.25	10.00
Niagara. Beautiful cream shade with lower petals blending to yellow inside; throat splashed carmine.	.10	1.00	7.50
Panama. A seedling of "America," resembling the parent except that it is a much deeper pink.	.12	1.25	8.50
Peace. The flowers are large, of perfect form, white with a pale lilac feathering on the interior petals.	.10	1.00	6.50
Pink Beauty. A very early-flowering variety. Color bright rose pink, with a darker blotch. A good forcer.	.10	1.00	7.50
Pink Perfection. Bright pink. Very large and beautiful flower.	.12	1.25	9.00
Princes. Rich crimson with very deep shadings in throat.	.10	1.00	7.50
Schwaben. Delicate, pale yellow, dark blotch in center.	.15	1.50	12.00
Snow King. A white variety, similar in habit to Augusta, but remains white.	.10	.75	5.00
Sulphur King. Deep, pure yellow. The best of its color.	.25	2.50	20.00
White America. Similar to America in form and substance. Clear white with a slight mark of blue in the throat.	.30	3.00	20.00
Willy Wigman. A beautiful blush white with dark blotch.	.10	.75	6.00
Wm. Falconer. Clear, light pink; enormous flowers.	.25	2.50	18.00

For Kunderdi Types of Ruffled Gladiolus, see page 58.

We shall be pleased to supply any variety not listed at current prices.

GLADIOLUS IN MIXTURE

Our mixtures are made up from fine varieties and are all selected first size bulbs.

	Each	Doz.	100
Marshall's Matchless Hybrids. This is our general mixture and is composed of fine sorts in all colors, in extra large size bulbs only.	\$0.50	\$3.50	\$30.00
Childsii, Mixed. Superb, large flowered, first quality from named varieties and beautiful seedlings.	.50	3.50	32.50
Gross's New Hybrids. Splendid strain, embracing thousands of varieties in the greatest diversity of colors. Mixed hybrid seedlings, first selection.	.50	3.50	30.00

GLADIOLUS FOR LATE PLANTING

Gladiolus can be had in flower in late September and October if the bulbs are retarded in cold storage.

We are prepared to place in cold storage any varieties if ordered before the end of April and ship at any date required for later planting.

GLOXINIAS

These are desirable Summer-flowering plants for both greenhouse and window.

Duchess of York. Purple, white border.

Her Majesty. Pure white.

King George V. Red.

Meteor. Flesh, deep pink border.

Reading Purple. Deep purple.

Reading Scarlet. Scarlet.

Finest Mixed.

Doz. \$3.50, 100 \$25.00. Extra Selected Bulbs: Each 50c., doz. \$5.00.

HYACINTHUS CANDICANS (Cape Hyacinth)

A snow white, Summer-flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from twenty to thirty pure white, bell-shaped flowers. Each 10c., doz. 75c., 100 \$4.00.

ISMENE. Calathena Grandiflora

The flowers are very large, like an Amaryllis, novel in form and snow white in color. Each 15c., doz. \$1.50, 100 \$10.00.

LILIES

When grown in the border or open ground they should remain undisturbed for years, frequent removals being injurious. In the Autumn give the bulbs a heavy mulching of leaves; coarse manure or boughs will prove highly beneficial. Plant all Lilies at least 6 inches deep, as early as possible in the Spring.

Auratum (Golden-Banded Lily). The grandest of all hardy Lilies.

	Each	Doz.	100
Extra large bulbs, 9 to 11 inches.....	\$0.50	\$5.50	\$40.00
Mammoth bulbs, 11 to 13 inches.....	.60	7.00	50.00
Monster bulbs, 13 to 15 inches.....	1.10	12.00	90.00
Canadense. Lovely, nodding blossoms; bell-shaped; yellow, spotted black.....	.20	2.00	15.00
Canadense Flavum. Yellow flowers.....	.30	3.00	20.00
Canadense Rubrum. A fine red Lily.....	.35	3.50	25.00
Davuricum. Upright, scarlet flowers, dotted black; 2 to 3 feet high.....	.15	1.50	10.00
Elegans Orange Queen. Beautiful, bright, light orange color, with dark spots.....	.55	5.50	40.00
Elegans Mixed. Fine mixed varieties.....	.15	1.50	11.00
Hansoni. Flowers reddish orange.....	.65	6.50	50.00
Henryi. The Yellow Speciosum. Bright orange yellow.			
Selected bulbs.....	.65	6.50	50.00
Regular size bulbs.....	.55	5.50	40.00
Myriophyllum. Flowers white, slightly suffused pink, with yellow center.....	1.10	12.00	90.00
Pardalinum (Leopold Lily). Rich scarlet and yellow flower, spotted with rich brown.....	.20	2.00	15.00
Speciosum Album. Beautiful pure white flowers of large size.			
Extra large bulbs, 8 to 9 inches.....	.50	5.00	35.00
Mammoth bulbs, 9 to 11 inches.....	.60	6.00	45.00
Monster bulbs, 10 to 12 inches.....	.70	7.00	55.00
Speciosum Rubrum, Magnificum, or Melpomene. White, shaded rose and spotted deep red.			
Extra large bulbs, 9 to 11 inches.....	.50	5.00	40.00
Mammoth bulbs, 11 to 13 inches.....	.65	6.50	50.00
Monster bulbs, 13 to 15 inches.....	1.10	12.00	90.00
Superbum. Flowers bright orange red, thickly spotted with purple.....	.20	1.75	12.00
Tigrinum Flore Plena (Double Tiger Lily).....	.35	3.50	25.00
Tigrinum splendens (Single Tiger Lily).....	.30	3.00	22.00
Tenuifolium (Siberian Coral Lily). Nodding, rich scarlet flowers.....	.15	1.50	10.00

MADEIRA, or MIGNONETTE VINE

A beautiful, climbing vine of rapid growth. Large tubers. Each 10c., doz. \$1.00, 100 \$6.00.

MONTBRETIAS

Hardy Summer-flowering bulbous plants. They should be planted in groups and left undisturbed.
Finest Mixed Colors. Doz. \$1.00, 100 \$7.00.

OXALIS

Summer-flowering for beds or borders.

Deippei. Pure white.

Lasandria. Rosy pink, cut foliage.

Shamrock. Clover-like foliage; pink flowers.

Mixed Colors. Several varieties.

Mammoth bulbs. Doz. 25c., 100 \$1.50.

TUBEROSES

One of the most fragrant and popular of the Summer-flowering bulbs. May be started in hotbeds or pots, or planted in open ground after first day of May.

	Each	Doz.	100
Excelsior Double Pearl. Extra fine bulbs.....	\$0.15	\$1.25	\$8.00
Armstrong's. The single everblooming Tuberose.....	.15	1.25	8.00



HORTICULTURAL AND FARM BOOKS

FRUITS, FLOWERS, GARDENING, ETC.

American Fruit Culturist. J. J. Thomas.	\$3.00
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In six volumes; new edition now published.	
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Forcing Book. L. H. Bailey.	1.25
Fruits and Vegetables Under Glass. W. Turner.	3.75
Fruit Garden. Barry.	2.00
Fruit Growing. L. H. Bailey.	2.00
Garden Book. Biggle.	.60
Garden Guide. The Amateur Gardeners' Handbook. Cloth cover.	1.50
Garden Making. L. H. Bailey.	1.75
Gardening for Pleasure.	1.75
Gardening for Profit. P. Henderson.	1.75
Gardeners' Dictionary and Cultural Instructor. Johnson. 923 pages.	6.50
Grape Culturist. A. S. Fuller.	1.75
Greenhouse Construction. L. R. Taft.	2.00
Greenhouses, Their Construction and Equipment. Wright.	2.00
Greenhouse Heating.	.25
Greenhouse Management. L. R. Taft.	2.00
Hardy Perennials. J. Wood.	1.50
Hedges and Windbreaks. E. P. Powell.	.75
Home Vegetable Garden. A. Kruhm.	1.25
How to Plan the Home Grounds. Parsons.	1.25
Landscape Gardening, Practical. R. Cridland.	2.00

Lawns and How to Make Them. L. Barron.	\$1.25
Milady's House Plants. F. E. Palmer.	1.00
Muck Crops. Wilkinson.	1.60
Mushroom Culture. Duggar.	1.75
Mushrooms, How to Grow Them. Falconer.	1.00
Mushrooms, How to Grow.	.10
Onion Culture. Greiner.	.75
Orchard Book. Biggle.	.60
Plant Culture. G. W. Oliver.	5.00
Plant Propagation, Commercial. A. C. Hottes.	1.50
Potato, The. S. Fraser.	1.00
Practical Garden Book.	1.00
Practical Forestry. A. S. Fuller.	1.75
Practical Gardening. H. Findlay.	2.00
Pruning, Principles and Practice of. Kains.	2.00
Pruning Manual. L. H. Bailey.	2.50
Rose, On the. Parsons.	1.25
Rose Culture. Ellwanger.	1.25
Rose Culture, Commercial. E. Holmes.	1.75
Rose Growing, Outdoor. Geo. C. Thomas, Jr. De Luxe Edition.	6.50
Small Fruit Culturist. Fuller.	1.50
Sweet Potato Culture. J. Fitz.	.75
Strawberry Culture. A. S. Fuller.	.40
Sweet Corn. A. E. Wilkinson.	1.00
Sweet Peas for Profit. J. Harrison Dick.	1.50
Tomato Culture. Tracey.	.75
Trees, Shrubs, Vines and Herbaceous Plants. J. Kirkegaard.	2.50
Vegetable Forcing. Watts.	2.00
Vegetable Gardening. R. L. Watts.	2.00
Violet Culture. Galloway.	1.50
Water Gardening. Peter Bisset.	2.50

FARM, POULTRY AND ANIMALS

Alfalfa, Book of. F. D. Coburn.	\$2.75
American Farm Book. R. F. Allen.	2.00
Bee Keeping. L. C. Root.	1.50
Birds of Eastern North America. C. A. Reed.	3.00
Bookkeeping for Farmers. Atkeson.	.35
Butter Making. C. A. Publow.	.75
Clovers and How to Grow Them. Thos. Shaw.	1.60
Corn, The Book of. H. Myrick.	1.75
Crops, Spraying. C. M. Weed.	.75
Cyclopedia of American Agriculture. L. H. Bailey.	20.00
Drainage, Farm. French.	1.50
Farm Crops. C. W. Burkitt.	1.50
Farm and Garden Rule Book. L. H. Bailey.	2.25
Farm Grasses. W. J. Spilman.	1.60
Farmer's Cyclopedia of Agriculture. E. V. Wilcox and C. B. Smith.	3.50
Farm Machinery and Motors.	2.00
Farm Manures. Joseph Harris.	1.75
Fertilizers and Crops. L. L. Van Slyke.	2.50
First Book of Farming. C. L. Goodrich.	1.10
Forage Crops. Thos. Shaw.	1.60

Forestry, Practical. A. S. Fuller.	\$1.75
Horse Book. Biggle.	.60
Insects and Insecticides. H. M. Weed.	1.50
Irrigation Farming. L. M. Wilcox.	2.00
Judging Farm Animals. C. S. Plumb.	2.25
Land Draining. Miles.	1.50
Manual for Corn Judging. A. D. Shamel.	.75
Modern Fruit Marketing. B. S. Brown.	1.60
Modern Methods of Testing Milk and Milk Products. L. L. Van Slyke.	1.25
Peanut Plant.	.60
Poultry Book. J. Biggle.	.60
Poultry Breeding and Management. Jas. Dryden.	2.00
Poultry Diseases. E. J. Wortley.	1.00
Poultry Feeding and Fattening. Fiske.	.75
Poultry Appliances. G. B. Fiske.	.75
Poultry Architecture. G. B. Fiske.	.75
Profits in Poultry and Their Profitable Management.	1.00
Soiling Crops and the Silo. T. Shaw.	1.75
Wheat Culture. Curtis.	.65
Weeds of the Farm and Garden. L. H. Pammel.	1.75

All books sent postpaid on receipt of price.

We shall be pleased to supply any books not listed above at advertised prices.

HORTICULTURAL TOOLS AND REQUISITES

APRONS, Gardner's Rubber. Waterproof. Each \$2.00. Extra heavy \$4.50.

ASPARAGUS BUNCHER. Each \$4.00.

ASPARAGUS KNIVES, English. Each \$1.50.

ASPARAGUS KNIVES, American. Each 50c.

AXES, FELLING. With handle, \$2.50 to \$3.50.

BASKET, Galvanized, Round. No. 0, $\frac{3}{4}$ bus. each \$2.75; No. 1, 1 bu., \$3.25; No. 2, 2 bus., \$4.00.

BASKETS, HANGING, WIRE. Painted, 8 in., 30c.; 10 in., 35c.; 12 in., 45c.; 15 in., 55c.; 18 in., 75c.; 20 in., \$1.00 each.

BASKETS, ORCHID. 6 in., each 30c., doz. \$3.25; 8 in., each 40c., doz. \$4.25; 10 in., each 50c., doz. \$5.25; 12 in., each 60c., doz. \$6.25.

BASKETS, RUSTIC HANGING. 10 in., \$1.75; 12 in., \$2.00; 14 in., \$2.50 each.

BELLOWS, POWDER.

Small, Single Cone.

Each \$2.50.

Large, Single Cone.

Each \$5.00.

Double Cone

Each \$6.00.



JUMBO POWDER. Each 30c.

BILLHOOKS. English. Light, \$1.50; heavy, \$1.75.

BLAKE'S LEVER CLIPS. For fastening rose wire. Per 1000 \$2.25.

BOXES, Corrugated. Extra strong for shipping cut flowers.

			Doz.	100
24 in.	8 in.	4 in.	\$3.00	\$23.00
28 in.	8 in.	5 in.	4.00	30.00
30 in.	12 in.	6 in.	6.00	40.00
36 in.	12 in.	8 in.	7.00	50.00
48 in.	14 in.	8 in.	8.00	60.00

Prices subject to change

BOXES, FOLDING. For cut flowers. Made of strong cardboard.

			Doz.	100
No. 2	18 in.	5 in.	3 in.	\$0.75 \$4.50
No. 5	21 in.	7 in.	3½ in.	1.00 7.00
No. 8	24 in.	8 in.	4 in.	1.25 9.00
No. 11	28 in.	8 in.	5 in.	2.00 13.50
No. 19	33 in.	8 in.	5 in.	2.50 18.00

BROOMS, Birch. For lawns. Each 60c.

Barn or Floor. Corn with rattan center. Each \$2.00.

Rattan Stable or Push. 16 in extra quality. Each \$2.00.

BRUSHES, or Flower Pot Scrubbers. Made of coir fiber. Not procurable.

BRUSH HOOKS. With handle. Each \$2.50.

BRUSH HOOKS, English. Each \$3.00.

CANES, BAMBOO.

	Doz.	100	1000
Green, 2½ ft.	\$0.20	\$1.50	\$12.50
Green, 3 ft.	.30	2.00	18.00
Green, 4 ft.	.35	2.25	20.00
Green, 5 ft.	.40	3.00	25.00
Natural, 6 ft.	.30	2.00	18.00
Natural, 6 to 8 ft.	.35	2.50	20.00
Japanese, heavy, 8 ft.			Market price.

CARNATION BANDS, Rubber. 30c. per oz.

CARNATION STAPLES. For split Carnations. 1000 50c.

Cokely's Staples. \$1.00 per 1000

Cokely's Pliers for the above. Each \$3.00.

CARNATION SUPPORTS.

"Model Extension." Doz. 100

Wire, 2-ring.....\$1.00 \$6.00

Wire, 3-ring.....1.00 6.50

Continuous Ring.

See page 70 for particulars.

CELERY BLEACHERS. Waterproof paper collars, size 6½x13 in. 100 \$3.00. See page 70.

COCOANUT FIBER. Useful for potting. Bag \$2.00.

COTTON BATTING. Large sheets. Doz. \$2.00.

CORK BARK. Lb. 35c.

CULTIVATORS. (See pages 72, 74, 75)

DAHLIA STAKES. (See page 65.)

DIBBLES. Iron point, with wood handle, for transplanting. Small, 35c.; large, 50c.



FLOWER POTS, STANDARD

Earthenware. Inside Measurement

Size	Each	Per Doz.	Per 100	Per 1000
2 in.	\$0.02	\$0.15	\$1.30	\$11.00
2½ in.	.03	.25	1.75	16.00
3 in.	.04	.30	2.00	18.00
4 in.	.05	.40	3.00	30.00
5 in.	.07	.70	5.00	52.00
6 in.	.12	1.25	9.00	70.00
7 in.	.20	2.00	14.00	
8 in.	.25	2.50	18.00	
9 in.	.40	4.00	30.00	
10 in.	.50	5.00	35.00	
12 in.	.90	9.00	70.00	



FLOWER POT SAUCERS. Earthenware.

Size	Each	Doz.	Size	Each	Doz.
4 in.	\$0.03	\$0.30	9 in.	\$0.12	\$1.20
5 in.	.04	.40	10 in.	.15	1.50
6 in.	.05	.60	11 in.	.18	1.80
7 in.	.08	.75	12 in.	.20	2.00
8 in.	.10	1.00	14 in.	.35	3.50

AZALEA POTS.

Inside Measurements.

Wide	Deep	Each	Doz.	100
5 in.	4½ in.	\$0.06	\$0.70	\$5.00
6 in.	5 in.	.12	1.25	9.00
7 in.	6 in.	.16	2.00	12.00
8 in.	7 in.	.25	2.50	18.00

ROUND BULB or LILY PANS.

Wide	Deep	Each	Doz.	100
6 in.	3 in.	\$0.12	\$1.25	\$9.00
7 in.	3½ in.	.20	2.00	14.00
8 in.	4 in.	.25	2.50	18.00
9 in.	4½ in.	.40	4.00	30.00
10 in.	5 in.	.50	5.00	35.00
12 in.	6 in.	.90	9.00	70.00

FERN PANS. Earthenware. Outside Measurements

Width	Height	Each	Doz.
4¼ in.	2½ in.	\$0.07	\$0.70
5½ in.	2¼ in.	.10	1.00
6¼ in.	2½ in.	.11	1.10
7 in.	2½ in.	.12	1.20
8 in.	3½ in.	.16	1.60
9 in.	3¼ in.	.20	2.00



HORTICULTURAL TOOLS AND REQUISITES—Continued

SEED PANS, Square Earthenware.			
	Each	Doz.	
6 x 6 in.....	\$0.85	\$8.50	
8 x 8 in.....	1.00	10.00	
10 x 10 in.....	1.35	13.50	
12 x 12 in.....	1.75	17.00	

NEPONSET WATERPROOF PAPER FLOWER POTS. Made of waterproof paper and are light, clean and unbreakable.

	Doz.	100	1000
2¼ in.....	\$0.10	\$0.60	\$5.50
2½ in.....	.10	.70	6.00
3 in.....	.12	.85	8.00
3½ in.....	.15	1.20	11.00
4 in.....	.25	1.40	13.00
5 in.....	.40	2.50	20.00
6 in.....	.50	3.00	26.00

**FLOWER POT SAUCERS.**

Indurated Wood Fibre. Very light and durable. Not porous, and will protect tables on which plants stand.



5 in.	Each	Doz.	12 in.	Each	Doz.
6 in.	\$0.38	\$4.25	14 in.	\$0.60	\$7.00
7 in.	.40	4.50	16 in.	.80	9.00
8 in.	.42	4.75	18 in.	1.40	11.50
10 in.	.44	5.00	20 in.	1.75	21.50
	.50	5.75		2.50	28.00

FLOWER POT ROLLING STANDS. For heavy plants. Platforms are indurated fibre ware; will not soak or rust. Casters have ball-bearings.

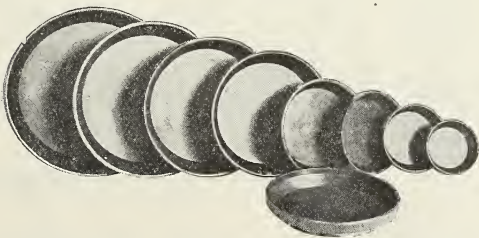
Outside diam.		Inside diam.	Each
16 in.	4 casters	13 in.	\$2.00
18 in.	4 casters	15 in.	2.50
20 in.	4 casters	17 in.	3.00
22 in.	5 casters	20 in.	3.50

FLOWER VASES. Indurated Wood Fibre. Inside measurements.

No.	Diameter	Deep	Each	Doz.
0	8	13	\$2.00	\$22.00
1	5½	10	1.65	18.00
2	4½	9	1.35	15.00
3	4	6	1.20	13.00
4	3	4½	1.00	10.00
00	9	22	6.00	70.00
01	7	20	3.75	42.00
11	5½	18	2.00	23.00
22	4½	15	1.75	19.00



MAYTREE FLOWER POT SAUCERS. These are moisture proof, unbreakable, and a reddish-brown color.



4 in.	Each	Doz.	9 in.	Each	Doz.
5 in.	\$0.15	\$1.50	10 in.	\$0.40	\$4.50
6 in.	.16	1.60	11 in.	.50	5.50
7 in.	.20	2.00	12 in.	.55	6.00
8 in.	.30	3.00		.65	7.00
	.35	3.75			

**FORKS.**

Digging, or Spading, "Keen-Kutter." Each
 4-tine, long or short handle.....\$2.25
 5-tine, long or short handle..... 2.50
 English 4 square tine, short handle..... 3.25

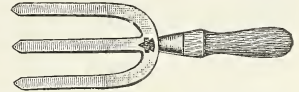
Cast steel. 4-tine..... 1.75

Hay.

2-tine..... 1.50
 3-tine..... 1.75

Manure. Long and short handled..... 2.00

Transplanting.
"Keen-Kutter,"
 Polished Steel.
 Each \$1.25.



"Oak Leaf." Best steel, three prong. Each 75c.
Transplanting. Malleable. Each 35c.

FRUIT PICKERS. Wire, "Peerless." 60c.

FUMIGATOR, "EUREKA." For fumigating with tobacco stems.
 No. 2, holds 1 pk. stems.....\$3.25
 No. 3, holds ½ bus. stems..... 4.00

FUMIGATING LAMP, "Defiance."
 For nicotine, nicofume liquid, etc.
 No glass; burns kerosene oil. 80c.



FUMIGATOR, SULPHUR. Campbell's Patent. Designed to vaporize sulphur in greenhouses without danger of the sulphur taking fire or disfiguring the foliage.

No. 1. For houses up to 5,000 cu. ft., each \$7.50.
 No. 2. For houses up to 10,000 cu. ft., each \$9.00.

FUMIGATOR, X. L. Lamp and stand, \$2.00.
 Glass lamps separate, each 60c.

GARDENER'S GLOVES. Per pair, \$2.00.

GARDEN LINES. Finest braided hemp. 100 ft. \$2.00, 200 ft. \$4.00.

GARDEN REELS for above, of wrought iron.
 Small \$1.25; large \$1.75.

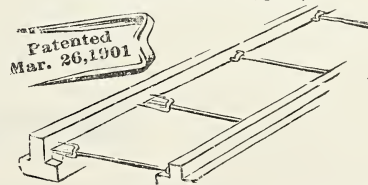
GARDEN PENCILS. Indelible black. Each 15c.

GLASS**CUTTERS.**

"Red Devil." No 24, 15c.; No. 23, 15c.; No. 3, in 1, 35c.; No. 6, 50c. each.

GLASS FOR GLAZING SASH. Market price.

"PEERLESS" GLAZING POINT
 (Improved Van Heyper.)



GLAZING POINTS, Peerless. 1,000 85c.

GLAZING POINT PLIERS for the above, each 60c.

GRAFTING WAX. For grafting cuts and bruises on trees.
 lb. 10c., ½ lb. 20c., lb. 35c.

HORTICULTURAL TOOLS AND REQUISITES—Continued

GRAFTING TOOL. Best forged steel. Each \$1.25
Mallet to use with the above. Each 75c.



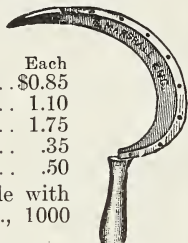
GRINDSTONES, Mounted. (See page 81.)

GRASS EDGER. Planet Jr. (See page 78.)

GRASS EDGING KNIVES. See Knives.

GRASS HOOKS
or **SICKLES.**

Best English welded back. Each
No. 1. Small.....\$0.85
No. 2. Medium.....1.10
No. 3. Large.....1.75
Imported, small size......35
American, large size......50



GRAPE BAGS, Paper. Made with patent metal clasp. 100 75c., 1000 \$3.00.

HAMMERS, GARDEN. With claw. Each \$1.25.

HATCHETS. With claw. Each \$1.50.

HAY-CKOCK COVERS. Made with waterproof sheeting, 72 x 72 in. Each \$3.50, doz. \$30.00.

HOES, DRAW. With handles. 5 in., 90c.; 6 in. \$1.00; 7 in. \$1.10; 8 in. \$1.20.

HOES, SCUFFLE, or DUTCH. English make. Handles, 35c. extra.

4 in.	\$1.25	8 in.	\$1.70
5 in.	1.35	9 in.	1.80
6 in.	1.50	10 in.	1.90
7 in.	1.60	12 in.	2.00



HOES, WARREN. Medium \$1.10, large, \$1.30.

HORSE BOOTS. For lawns; made of heavy leather. Medium size, set of four, \$15.00; large size \$16.00.

Baker's Metal. No. 2 medium size, \$11.00; No. 3 large size \$12.00.

HOSE BANDS. Made of brass wire. For putting on couplings. Doz. 20c.

HOSE PLIERS for the above. Each 50c.

HOSE CLAMPS. Bolt pattern. Doz. 70c.

HOSE COUPLINGS. Brass for $\frac{1}{2}$ in. or $\frac{3}{4}$ in. hose. Each 35c.

HOSE CONNECTION. Goose neck for connecting hose to faucet. Each \$1.00.

HOSE CONNECTION, Siamese for connecting two leads of hose. Each \$1.75.

HOSE HOLDER. "Matchless." For holding the hose on lawns or borders. Each 25c.

HOSE HYDRANT ATTACHMENT. Used for connecting hose to smooth faucets. Brass. Each 75c.

HOSE MENDERS. Each Doz.
"Cooper's." Brass. $\frac{1}{2}$ or $\frac{3}{4}$ in. \$0.15 \$1.50
"The Perfect Clinching." $\frac{3}{4}$ in.15 1.50
"Jones." Iron. $\frac{3}{4}$ in.05 .50

HOSE NOZZLES.

"Gem," or "Graduating," $\frac{3}{4}$ in. hose. Can be regulated to give three different streams. Each 75c.

"The Boss." Spray or stream, with shut-off. Each \$1.10.

"The Stott." Single spray. Each \$2.00.

"Hose Rose," or "Boston Spray." With coarse or fine spray, for $\frac{3}{4}$ in. hose. Each \$1.10.



HOSE NOZZLE. Hose Rose. Made with brass for $\frac{3}{4}$ inch hose. Each \$1.75.

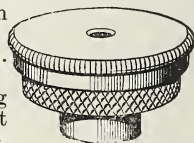
HOSE NOZZLES FOR SPRAY PUMPS. "Bordeaux." Adjustable. Each \$1.50.

"Vermorel." A fine spray. Each \$1.25.

"Shower." Will not clog and does the work without waste of material and time, $\frac{1}{4}$ in. thread pipe. Each \$1.50. (See cut.)

Kant Clog Nozzle. Each 75c.

Mystery Jr. A fine spray. Each \$1.50.



HOSE, RUBBER.

	Per ft
"Marshall." $\frac{1}{2}$ in. non-kinkable.....	\$0.20
"Marshall." $\frac{3}{4}$ in. non-kinkable.....	.22
"Electric." $\frac{1}{2}$ in.....	.23
"Electric." $\frac{3}{4}$ in.....	.25
"Extra." $\frac{3}{4}$ in. seven-ply.....	.18
"Special." $\frac{3}{4}$ in. five-ply.....	.16
Special Spray Pump. $\frac{1}{2}$ in.....	.22

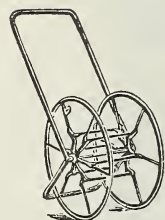
HOSE WASHERS. $\frac{3}{4}$ in. Doz. 10c., 100 50c.

HOSE REELS. Made with tubular iron; strong and durable.

No. 10. For 100 ft., $\frac{3}{4}$ in. hose. Each \$5.00.

No. 20. For 150 ft., $\frac{3}{4}$ in. hose. Each \$5.75.

No. 35. For 500 ft., $\frac{3}{4}$ in. hose. Each \$14.00.



HOSE REELS, Wooden. Each \$2.50.

HYACINTH STAKES. Dyed green.

12 in. long. 100 25c., 1000 \$2.00.

18 in. long. 100 30c., 1000 \$2.50.

KNIVES, ASPARAGUS, American. Each 50c.



KNIVES, ASPARAGUS, English. Each \$2.00.

KNIVES CORN. Forged steel. Each 70c.

KNIVES, BUDDING.

American. Round point..... Each \$1.50

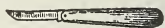
American. Cocoa wood handle. Round point..... .75

English. Round point..... 2.75

English. Sharp point, No. 204..... 3.50

English. Sharp point, brass cap. No. 204B. 5.00

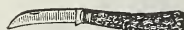
English. Two blades..... 3.00



KNIVES, PRUNING.

American. In different shapes. Each 75c. to \$1.50.

English. In different sizes. Each \$3.50 to \$4.50.



KNIVES, EDGING.

English. Handles 30c. extra. 8 in. \$2.25; 9 in. \$2.50; 10 in. \$2.75.

American. Each 75c.

American. With handles. Each \$1.25.



**HORTICULTURAL TOOLS AND REQUISITES—Continued****LABELS, POT and GARDEN, Wooden.**

		PLAIN		PAINTED	
		100	1000	100	1000
4	x 1 1/8 in.	\$0.15	\$1.00	\$0.20	\$1.35
4 1/2	x 5/8 in.	.15	1.20	.20	1.60
5	x 5/8 in.	.15	1.40	.25	1.80
6	x 5/8 in.	.25	1.70	.30	2.30
8	x 7/8 in.	.60	5.00	.80	7.00
12	x 1 1/8 in.	.90	8.00	1.10	10.00

LABELS, TREE, Copper Wired. 3 1/2 in. Painted.
100 35c., 1000 \$2.50.

LABEL VARNISH. Preserves wood labels; protects the markings; dries almost immediately. Applied by brush or dipping. Pt. cans \$1.25.

LABELS, HANGING, Celluloid. 3 1/4 in. long, 7/8 in. wide. Doz. 30c., 100 \$2.00.

LABELS, POT, Celluloid. 5 in. long, 7/8 in. wide. Doz. 60c., 100 \$3.50.

LABELS, "The Allproof."

Made with zinc, having a white enameled surface for the name, which is covered with a glass slide.



		Dozen	Gross
No. 1.	For hanging, 3 1/2 in. long...	\$0.80	\$8.50
No. 2.	For pots or borders, 6 in. long	.90	9.00
No. 3.	For pots or borders, 8 in. long	1.10	11.00

LABELS, The Simplex. Waterproof.

		Dozen	100
No. 1.	3 x 1/2 in.	\$0.35	\$2.50
No. 2.	4 x 3/4 in.	.70	5.00
No. 3.	5 x 1 in.	1.00	7.50



A permanent label, air and water tight.
Doz. 60c., 100 \$4.00.

LABELS, TREE or GARDEN, Zinc. Per 100,			
No. 1	\$3.50	No. 6	\$3.00
No. 2	3.50	No. 7	3.00
No. 5	3.00	No. 13	3.00
		No. 15	\$2.75
		No. 21	3.25

INDELIBILE INK. For above. Bottle 25c.

LADIES' TOOL SETS, "Keen-Kutter." Fork, spade, hoe and rake. Set \$3.50.

LAWN SPRINKLERS. (See page 87.)

LAWN RAKES. (See Rakes.)

LAWN MOWERS. (See pages 76 to 78).

LAWN MOWER SHARPENING COMPOUND. Per can 50 cents.

LAWN SWEEPERS. (See page 79.)

LEAF-MOULD. Pk. 30c.; 1 barrel bag \$2.00.

LINES. (See Garden Lines.)

MASTICA. For reglazing greenhouses. Qt. 90c., gal. \$2.75.

MASTICA GLAZING MACHINE. Each \$2.25.

MATTOCKS.

"Oak Leaf."

Hoe, 4 1/4 in.

Cutter, 3 in.

Each \$2.00.

Handles, 75c.



MATS, FROST-PROOF, Burlap. These mats are 76x76 in. square and made of strong drill filled with wool. Each \$4.00, doz. \$45.00.

Size 40x76 in., each \$2.50, doz. \$28.00.



MATS, Straw. Size 6 x 6 ft., each \$2.50, doz. \$27.00; size 3 x 6 ft., each \$1.50, doz. \$16.00.

MELON NETS. English make. Doz. \$3.50.

MOLE TRAPS.

"New Model." Each \$2.25.

"The Reddick." (See cut.) Each \$1.25.

"English." Each 60c.

MOSS, SPHAGNUM, LIVE. For orchids. Barrel \$3.50.

For packing. 5-bbl. bale \$3.50.

Green, in sheets. Bag \$4.50.

Dyed Green, in sheets. Bag \$6.50.

NAILS, English Wall. 1 1/2 in. Chandler's patent with lead tip to turn over vine. Lb. 60c.



NOZZLES. (See Hose Nozzles.)

OIL CANS. Brass bottom. Three sizes, each 60c. 75c. and 90c.

PAPER.

Cream Manilla. 24 x 36. Lb. 16c.

Tissue. Ream (480 sheets.) \$2.25.

Waxed Tissue. Ream (480 sheets), 24 x 36 in., \$4.75.

Coarse, for parceling. Lb. 18c.

Prices of Paper are subject to change.

PEAT, Rotted. 1-bbl. bag \$2.50.

PEAT, Orchid. 1-bbl. bag \$2.50.

PENCILS, GARDEN. For labels. Each 15c.

PICK MATTOCKS, "Oak Leaf."

Hoe 4 1/4 in.

Pick 8 1/2 in.

Each \$2.00.

Handles 75c.



PICKS. Pointed both ends. Each \$2.00, handles 75c.

PLANT SPRINKLERS. (See Sprinklers.)

PLANT STAKES. Round, green, tapering (light)

	Each	Doz.	100
1 1/2 ft.	\$0.06	\$0.60	\$4.50
2 ft.	.07	.70	5.00
2 1/2 ft.	.08	.75	5.50
3 ft.	.09	.90	6.50
3 1/2 ft.	.09	1.00	8.00
4 ft.	.10	1.10	9.00

Round Green Tapering (heavy).

4 ft.	\$0.15	\$1.50	\$11.50
5 ft.	.20	2.00	15.00
6 ft.	.22	2.25	16.00

Square Green Tapering (heavy).

4 ft.	\$0.13	\$1.25	\$8.50
5 ft.	.15	1.50	12.00
6 ft.	.20	1.75	14.00

BEAN POLES. Square, pointed, 8 ft. long; 1 1/2 in. tapering to 1 in. at the top. Doz. \$2.75.

DAHLIA POLES. Heavy, round, green; tops painted white.

	Each	Doz.	100
2 ft.	\$1.10	\$1.00	\$6.00
3 ft.	.12	1.25	8.00
4 ft.	.15	1.50	10.00
5 ft.	.17	1.75	12.00
6 ft.	.20	2.00	14.00

GALVANIZED WIRE, for Roses, etc. Plain or Anchored, No. 9 wire.

	100	1000		100	1000
2 1/2 ft.	\$2.00	\$18.00	4 ft.	\$3.50	\$32.00
3 ft.	2.50	22.00	4 1/2 ft.	4.50	40.00
3 1/2 ft.	3.00	27.00	5 ft.	5.00	45.00

HORTICULTURAL TOOLS AND REQUISITES—Continued

PLANT PROTECTORS. For tomato or egg plants; wire with cotton covering. Each 25c., doz. \$2.50.

PLIERS. Side cutting, 6 in. \$1.75; 7 in. \$2.00.

POTS. (See Flower Pots, page 62.)

POST HOLE DIGGER. Each \$2.25.

POT HANGERS. "Kraemers." Each 25c., doz. \$2.00.

POTATO HOOKS. Broad, flat prongs. 4-prong, \$1.25; 5-prong, \$1.75.

POWDER DUSTER. For Slug Shot. Each 70c.
POWDER GUN.

"Jumbo." Each 30c.

"Leggett's Little Giant." Each \$12.50.

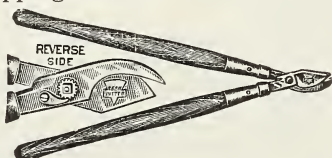
"Leggett's Champion Duster." Each \$16.00.

PRUNER, or Lopping Shears.

"Keen-Kutter."

Handles 22 in. each \$3.50.

Handles 24 in., each \$3.50.



PRUNERS, TREE.

Eagle. 2 ft. handle, each \$1.25; 3 ft. handle \$1.50.

Waters'. 8 ft. handle, \$1.75; 10 ft. handle, \$2.00; 12 ft. handle, \$2.25.

Extra blades, 30c. each.

Rhodes'. Cuts on both sides and does not bruise the bark. Length 20 or 26 in. Each \$4.00.

Little Giant Pruner Hook and Saw Combined. Attaches to pole of any length. Each \$3.75.



PROTECTING CLOTH. Valuable for protecting early plants from frost. Pieces contain from 40 to 60 yards.

Heavy Grade. By piece of 50 yds., per yd. 45c.

Medium Grade. By piece of 50 yds., per yd. 35c.

PUMP, "The Kinney." For distributing water and liquid manure through the hose at the same time. Each \$3.00.

PUMPS. (See Spray Pumps, pages 82, 83, 84.)

PUTTY BULB, Rubber. For glazing, \$1.75.

PUTTY, Twemlow's Old English. 1 gal. cans market price.

RAFFIA. The best material for tying plants. Per lb. 50c. Green, dyed, lb. \$1.50.

RAFFIA TAPE. Green, on spools of 250 yards. Each \$1.25.

RAKES.

Garden. Best steel. 8 teeth, 90c.; 10 teeth, \$1.10, 12 teeth, \$1.20; 14 teeth, \$1.30; 16 teeth, \$1.40; 18 teeth, \$1.50.

Hay. Wooden, 3 bows, 12 teeth, 75c.

Lawn. Wooden, 3 steel bows, 22 teeth, \$1.00.

Ladies' Wooden, Lawn. 85c.

Reversible. Galvanized, 24 teeth, \$1.50.

Lawn, "Olsen." 26 wood teeth, iron brace. each \$1.25.

Rake and Hoe. A combination tool, \$1.10.

REELS, GARDEN. Each \$1.25 and \$1.75.

RIFLES, EMERY. For sharpening. Each 15c.

ROLLERS. (See page 79.)

RUBBER BANDS. For split Carnations. Oz. 30c.

RUBBER BOOTS. Gardeners and Farmers. State size when ordering. Per pair, hip length. \$7.50, Knee length \$7.00.

RUSTIC WORK. (See page 79.)



SAWS.

Pruning. Single edge, 16 in., \$1.25; 18 in., \$1.50; 20 in., \$1.75. Double edge, 16 in. \$1.75; 18 in., \$2.00; 20 in., \$2.25.

Double Swivel. Blade 14 in. long. Very useful for pruning. Each \$2.75. Extra blades 35c.

Oak Leaf. 14 in. blade, which can be used at any angle. Each \$2.50. Extra blades 35c.

Crescent Pattern, "Keen-Kutter." 16 in., each \$1.50.

Hand or Pruning, "Keen-Kutter." 20 in., blade, each \$2.25.

SAW FILES. Best make. Each 20c. and 25c.

SASH, HOTBED, Extra Strong.

Unglazed. Made of best cypress. Regular size, 3 x 6 ft., for using 6 x 8 in. glass. No. 4, each \$3.00, doz. \$22.00.

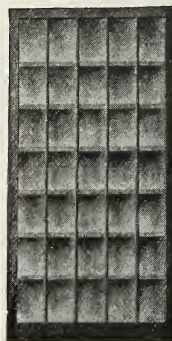
Glazed (Packing extra.) Size 3 x 6 ft., using 6 x 8 in. glass. Painted two coats white. No. 4, each \$8.00.

Glazed. Size 3 ft. 2 in. x 6 ft., using 8 x 10 in. glass. No. 9, each \$9.00.

Glazed with 10 x 12 in. double thick glass. Size 3 x 6 ft., No. 11, each \$9.00.

"Sunlight." Double Glass. Glazed with 8 x 10 in. double two layers thick glass, painted two coats, white. No. 12 Each \$14.00

Hotbed Frames for Sash. For 2 sash, each \$14.00; for 3 sash, each \$17.00; for 4 sash, each \$22.00; for 5 sash, each \$27.00.



SCISSORS.

Grape or Vine. Best make 7 in., \$1.75; 8 in., \$2.00.



Flower Gatherers. Best quality. 6 in., \$1.75; 7 in., \$2.00; 8 in., \$2.25.



SCISSORS, PRUNING. English make, 4 in., \$2.25.

SCYTHES.

Lawn, English. 30 to 34 in., each \$3.50 to \$4.25.

Grass, American. 30 to 40 in., each \$2.25.

Brush or Weed. 18 to 21 in., each \$2.00.

SCYTHE-SNATHS (or Handle). Each \$2.00.

SCYTHE-STONES. American. Round. Each 30c., doz. \$3.00. Flat, each 25c., doz. \$2.50.



HORTICULTURAL TOOLS AND REQUISITES—Continued

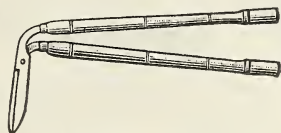
SEEDERS. (See pages 27 and 75.)

SHADING. **Lippman's Green.** A powder to mix with water. 5 lbs. to gallon. 5 lbs. \$1.75.

SHEARS.

Grass Border.

English.
(without wheel)
8 in. \$3.50
9 in. 3.75
10 in. 4.50



Grass or Sheep.

Best trowel shank. \$1.50.
Grass. Assorted sizes. Each 25c., 50c., 75c.

Hedge. (With notch, 35c.
extra.) 8 in., \$1.75; 9
in., \$2.00; 10 in., \$2.50.



Ladies' Hedge. 5½ in., \$1.50.

Lopping. (See Pruners.)

Wiss, Hand Pruning. (Solid Steel.) 9 in.,
\$4.00; 10
in., \$4.50.

California
Pattern.

9 in. long

(See cut.) Each \$1.25.

"Oak Leaf." 9 in. long. Each \$1.75.



Perfection Pruning.

Cuts on both sides.

6½ in., \$2.50, 7½ in.,

\$2.75; 8½ in., \$3.25;

9½ in., \$3.75.



Watch Spring Prun-

ing. 7 in., \$2.50; 8 in.

\$2.75; 9 in., \$3.00.



Ladies' Pruning. 6½ in. Nickel plated, \$1.75.

SHREDS, Medicated Garden. For nailing on
trees, vines, etc. 3 in., 100 50c.; 4 in., 100 55c.SHOVELS, Best Cast Steel. Square and Dia-
mond Pointed. Long and short handles. Each
\$2.00 and \$2.50. Good quality. Square or round
pointed, each \$1.75.SIEVES, WIRE. For sifting loam, gravel, etc.
⅛ in., ¼ in., ½ in. or ¾ in. mesh., 18 in. in diam.,
each \$2.00 and \$2.25.SILKALINE, Meyer's Green. Fast color. Spool
35c. Box of 8 spools \$2.75.Florists' Thread. 2 oz. spools, each 20c., doz.
\$2.00.

SMILAX TWINE. Green. Box of 8 balls \$1.50.

SPADES. Best cast steel. Long or short handles.

Each \$1.75 and \$2.00.

"Keen-Kutter," extra quality, each \$2.75.

SPRAYERS. (See pages 83, 84, and 85.)

SPRINKLERS.

Rubber. Scollay's straight
or angle neck. No. 1,
12 oz. size, \$1.75.

The Ideal. Made entirely
of metal and fits any
bottle; can be used at
any angle for insecticides
or water. Each \$1.00.



SPUDS. English. Each 75c.

STAKES. (See Plant Stakes and Canes.)

STAKES, HYACINTH. Green. 18 in. long.
Doz. 5c., 100 30c., 1000 \$2.50.

STICKS, Match. 18 in. long. 1000 \$2.25.

STYPTIC, Thompson's. To prevent bleeding
of vines. Each \$1.25.SULPHUR VAPORIZER, Campbell's Patent.
(See Fumigators, page 63.)SUMMER CLOUD. A well known English shad-
ing for greenhouses or frames. ½ lb. pkg., 60c.

SYRINGES, GARDEN, Brass.

No. 2 Length 14½ in., diam. 1¾ in., one spray
rose and stream. Each \$4.50.No. 3 Length 18 in., diam. 1½ in., two spray roses
and one stream. Each \$6.00.No. 4 Length 18 in., diam. 1½ in., two spray
roses and one stream, extra heavy and strongly
mounted. Each \$8.00.TENNIS NETS. Single court, 27 x 3 ft. Double
court, 36 x 3 ft., canvas bound. Prices on applica-
tion.TENNIS MARKER, The Eureka. For marking
tennis courts. \$12.00.

THERMOMETERS.

Mushroom Bed. Boxwood, brass tips. Each
\$1.50. All metal, each \$2.25.Distance Scale. Metal frame.
Each 90c.

Incubator, Tycos. Each \$1.00.

Japan, tin case. Metal Scale.

8 in., 50c. 9 in., 60c.; 10 in.,

75c.; 12 in., \$1.00.

Boxwood. Each \$1.00 and
\$1.50.Maximum registering. Each
\$2.75.Minimum registering. Each
\$2.75.Porcelain Scale. For conser-
vatory. Each \$1.50.

Self-registering. Metal scale.

Japanned case, 8 in. size,

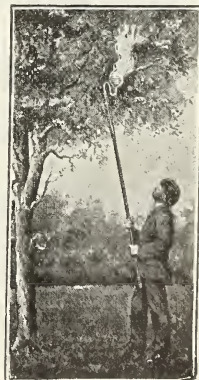
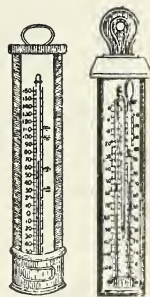
\$6.00; 10 in. size, \$6.50; 12 in. size, \$7.50.

Self-registering, "Hicks." English make,
metal scale. 8 in., each \$7.50; 10 in., \$9.00; 12
in., \$10.50.Magnets for self-register-
ing. 30c.TINFOIL. Lb. 30c. Violet
or green, lb. 75c.TOOL SETS. "Keen-
Kutter." Fork, spade,
hoe and rake. Set. \$3.50.TOOTHPICKS. Wired.
1000 40c.TORCHES, Asbestos. Each
60c. Handles 35c. extra.

TOMATO SUPPORTS.

Heavy galvanized wire
rings. Each 30c., doz.
\$3.00.

Adjusto. (See page 73.)



HORTICULTURAL TOOLS AND REQUISITES—Continued

TREE CLIMBERS. For attaching to the legs, to climb tall trees. With leather straps. Pair \$4.50.

TREE GUARDS. "Anchor" Expanded Metal. Very strong, steel wire, with three iron supports. Each \$5.00.

TREE SCRAPERS. Large iron with handle. Each \$1.00.

TROWELS.

Steel. 6 in., 75c.; 7

in., 80c.; 8 in., 90c.

Cast Steel. Each 35c.

"Keen-Kutter." Best forged steel, 6 in. blade, bent or straight neck. Each \$1.25.

Cleve's Angle. Large size, each 25c.

Primrose. Iron. Each 15c.

Troweed. A combination Trowel and Weeder. Each 60c.

TUBS, PLANT. (See page 73.)

TURFING IRONS. English. Each \$7.00.

TWINE.

Green Smilax. Box of 8 balls \$1.50.

Marline. (Tarred Twine). Lb. 50c.

Marline. Small size. Lb. \$1.00.

Hemp. All sizes. Lb. \$1.20.

Jute. Three- or four-ply, for trees. Lb. 50c.

WEEDERS.

"Excelsior." Five claw fingers. Each 20c.



"Pull-Easy." Can be used easily and without stooping. (See cut.) Each 80c.

"Adjustable." Three prong. (See cut.) Each 60c.



Pull-Easy, Jr. Hand weeder. Each 75c.

WEEDERS—Continued

Daisy Grubber. English. Each \$1.25.

Dandelion Puller. Long or short handle. 70c.

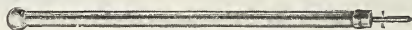


Lawn. For removing docks, dandelion, etc.; can also be used as an asparagus knife. 50c.

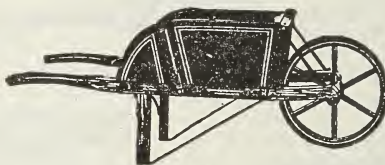
"Eureka." Very useful for garden purposes. Each 60c.



Thistle Spud. English. Each 50c.



The "Dandy-Lion" Weed Killer. With brass-covered cylinder, brass ball handle, removable base, valve, spring, etc. Each \$1.25.



WHEELBARROWS, GARDEN. Small size No. 3, \$6.50. Medium size, No. 4, each \$7.25. Large size, No. 5, each \$7.75.

WIRE, Annealed for Stemming.

No. 23. Coarse. 18 in. lengths..... \$0.50

No. 26. Coarse. 18 in. lengths..... .55

No. 34. Fine Hair. 18 in. lengths..... .60

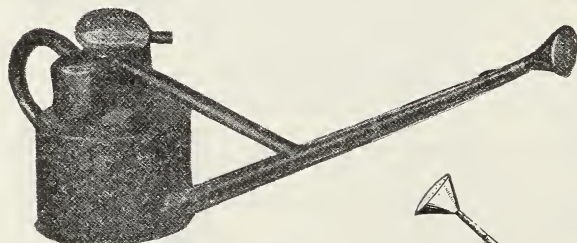
WIRE, Galvanized.

No. 12. Heavy. 100 lbs.....Market price

No. 15. Medium. 100 lbs.....Market price

No. 18. Fine. 12 lbs.....Market price

WATERING POTS



Hawe's English Pattern

Hawe's English. Valuable for watering fine seeds, as well as for all greenhouse and garden work. One very fine and one coarse rose. Made with heavy material, painted red. 4 qts. \$3.50, 6 qts. \$4.25, 8 qts. \$5.50, 10 qts. \$6.00.

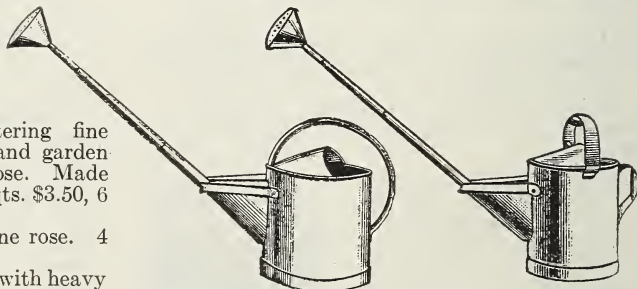
Low, or Strawberry Pattern. One fine rose. 4 qts. \$3.00.

Galvanized Watering Pot. It is made with heavy galvanized material. 4 qts. \$1.00, 6 qts. \$1.20, 8 qts. \$1.35, 10 qts. \$1.60, 12 qts. \$2.00, 16 qts. \$2.50.

French Pattern. With long spout and brass bow handle. 2 roses. 6 qts. \$4.25, 8 qts. \$4.50, 10 qts. \$5.25, 12 qts. \$6.00.

Philadelphia Pattern. With two copper-faced roses. 4 qts. \$3.50, 6 qts. \$3.75, 8 qts. \$4.00, 10 qts. \$4.50, 12 qts. \$5.25.

Extra Roses. Fine or coarse. Each 60c.



French Pattern

Philadelphia Pattern



RUSTIC BIRD HOUSES

FOR WILD BIRDS

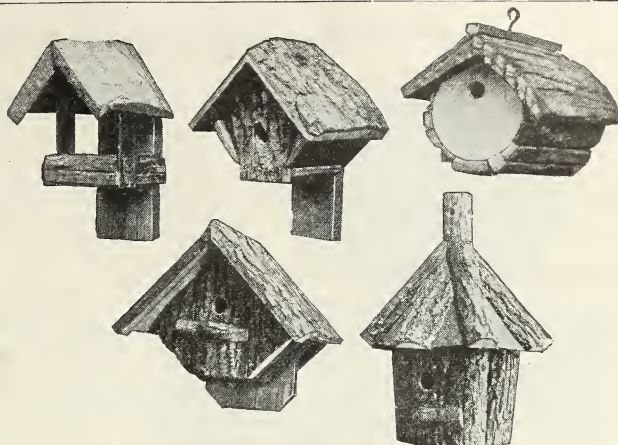
These bird houses have a natural look, being made with wood with the bark left on, with entrance holes for the size of the birds they are designed for, and to exclude the sparrows.

They are made to hang in trees, on buildings or placed on posts, as circumstances permit.

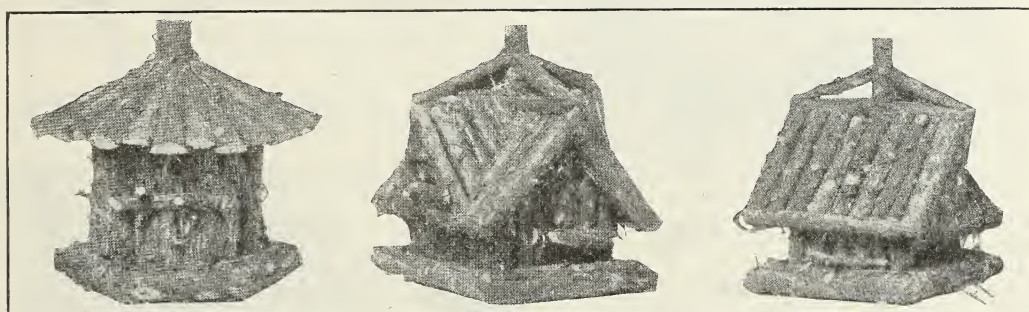
They are built with chestnut, elm, oak and other natural woods.

We carry in stock a variety of styles and sizes and shall be pleased to supply an assortment to any value required.

Prices, \$1.00, \$1.25, \$1.50, \$2.00 and \$2.50 each.



Rustic Bird Houses



No. 6 Hexagonal

No. 5 Martin House

No. 4 Log Cabin

The above **Rustic Bird Houses** are made with Rustic Cedar and are very ornamental and attractive to all birds.

No. 1 Log Cabin, one-family house, 10 in. wide, 10 in. high. Each \$2.50 and \$2.75.

No. 2 Log Cabin, two-family house, 10 in. wide, 12 in. high, 14 in. deep. Each \$3.50.

No. 3 Log Cabin, two-family house, 14 in. wide, 12 in. high, 17 in. deep. Each \$4.50.

No. 4 Log Cabin, two-family house, 14 in. wide, 17 in. high, 16 in. deep. Each \$7.00.

No. 5 Martin House, four-family, 14 in. wide, 18 in. high, 19 in. deep. Each \$8.50.

No. 6 Hexagonal, one-family house, 12 in. wide, 14 in. high, 19 in. deep. Each \$4.00.

No. 7 Hexagonal, two-family house, 12 in. wide, 15 in. high. Each \$5.00.

No. 8 Robin House, 10 in. wide, 19 in. high, 9 in. deep. Has canopy top and flat wood back. Each \$2.50.

No. 9. Twelve-room Martin House 27 in. wide, 22 in. high. Each \$20.00.

RUSTIC CHAIRS, VASES, ETC.

RUSTIC GARDEN VASES. Made of red cedar, unpeeled. Very ornamental, for lawns when filled with plants. Each, 12 in. tub, \$6.50; 16 in. tub \$7.50.

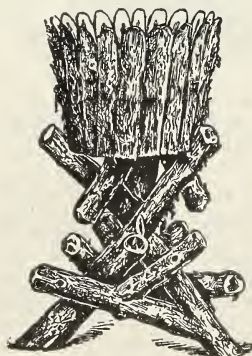
RUSTIC CEDAR CHAIRS. Strong, durable and ornamental. Each \$8.00; extra heavy, \$10.00.

RUSTIC HANGING BASKETS. Made from Laurel roots, elegantly finished and rattan handle. These baskets cannot be equaled in style, finish or make. They will stand severe weather, and with a little care are good for 10 to 12 years' wear. Each, 10 in., \$2.25; 12 in., \$2.50; 15 in., \$3.50.

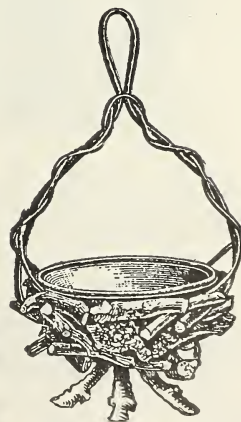
RUSTIC WINDOW BOX. Made of Chestnut or Cedar, unpeeled. Extra strong and durable. Outside measurement 22 in., \$1.75; 28 in., \$2.00; 32 in., \$2.25; 36 in., \$2.50 each.

RUSTIC CEDAR SETTEES. Made strong and ornamental. Each \$11.00; extra heavy, \$13.00.

RUSTIC CEDAR TABLES, Round. Adapted for summer houses or lawn. 30 in. diameter. Plain top, each \$7.00; Cedar top, \$10.00.

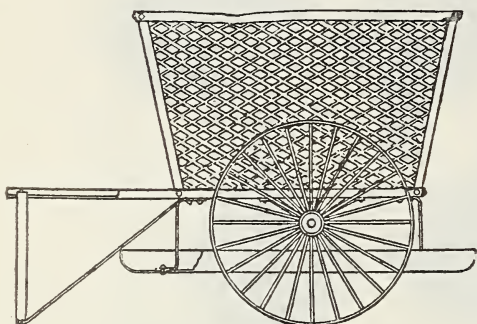


Rustic Vase



Hanging Basket

PORTABLE REFUSE BURNERS



A portable steel furnace for the rapid and convenient destruction of all leaves, refuse and waste matter. In reality a two-wheeled hand cart (for which purpose it can also be used), made of strong steel angle iron and heavy steel netting, which is fire-proof and guaranteed not to burn out. Is fitted with broad-tired wheels, which enable it to be pulled along with the cleaning up squad on lawns or soft ground without injury. A strong steel pan is fitted under the axle, which catches all the fire and ashes as they fall through the bottom. This pan can be easily emptied as needed.

Against the cost of hauling the leaves and rubbish to a convenient spot for burning, the leaf burner will pay for itself twice over in one season.

No. 1	Capacity 16 cubic feet.....	\$35.00
No. 2	Capacity 11 cubic feet.....	26.00
No. 3	Capacity 5 cubic feet.....	15.00

COMBINATION WATER BARREL TRUCK AND LEAF CART

Barrel can be detached from truck without difficulty, or tilted to empty contents. Either barrel, leaf rack and box can be used. Furnished with wood wheels.

TRUCK AND WATER BARREL

With 1½-in. tires.....	\$15.50
With 3 -in. tires.....	18.50

TRUCK AND HANDCART BOX

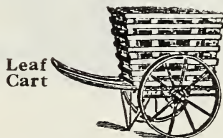
With 1½-in. tires.....	\$16.00
With 3 -in. tires.....	19.00

TRUCK AND LEAF RACK

With 1½-in. tires.....	\$18.00
With 3 -in. tires.....	21.50



Water Barrel



Leaf Cart

TRUCK, BARREL, LEAF RACK AND CART

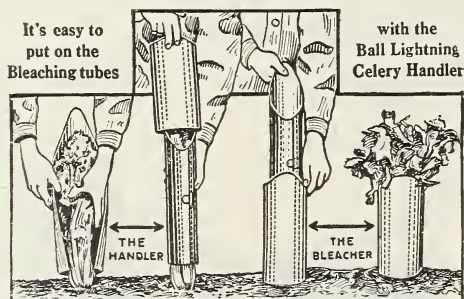
Complete with 1½-in. tires.....	\$28.50
Complete with 3 -in. tires.....	31.50

ADDITIONAL ATTACHMENTS

Box for Hand Cart, \$7.00.
Leaf Rack for Truck, \$9.50.
Sprinkling Attachment, \$9.50.
Extra Barrels with Trunnions, \$6.00

If wanted with steel wheels add \$3.00 for 1½ in. and \$6.00 for 3 in. threads.

BALL CELERY BLEACHER

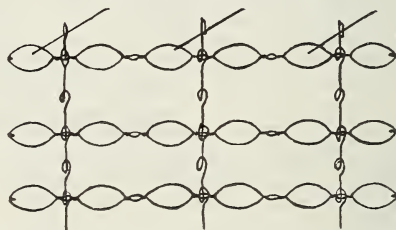


The home grower and private gardener will find this an ideal system of bleaching celery—handy, neat and just the thing to bleach a few stalks every few days as wanted.

It only takes a week or ten days after putting on these bleachers when your Celery will be a beautiful white, and all ready for the table. No banking with soil, no hunting up boards, and it produces better results on early Celery. The same bleachers can be used over and over again the same season.

Price of Bleachers, 6½x13-in. 40c. per doz., \$3.00 per 100. The Ball Lightning Celery Handler, Spring Brass, \$4.00.

CONTINUOUS RING CARNATION SUPPORT



This is the best Carnation Support for private or commercial growers. They are made with galvanized wire. For rows of 3, 4 or 5 plants two upright stakes are used and rows of 6 or 7 plants, three upright stakes. Each row has three rings for each plant which are adjustable to five different heights. To make the stakes rigid, straining wire should be used the full length of the bench. Full directions are sent with each order for setting up.

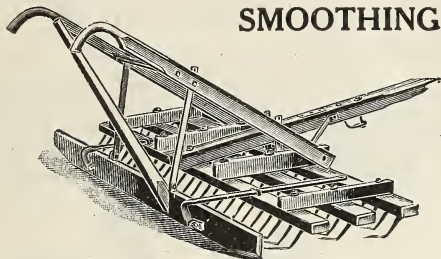
When ordering state how many plants are in each row and number of rows in the bench.

Supports for 3 to 5 plants to row. Doz. 60c., 100 \$3.50.

Supports for 6 or 7 plants to row. Doz. 65c., 100 \$4.00.

Supports for 8 to 10 plants to row. Doz. 70c., 100 \$4.50.

SMOOTHING AND LEVELING HARROW

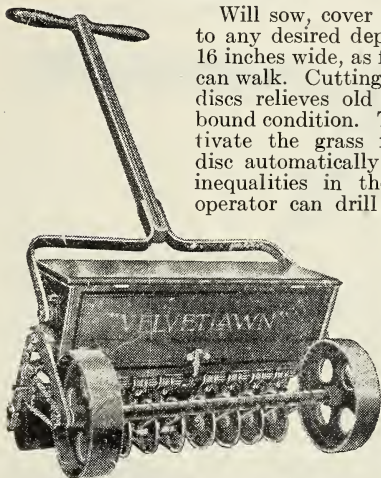


With this tool every field can be made as smooth as a floor and the soil pulverized fine enough for a flower bed—makes a most perfect Onion bed. This harrow is also a great road maker. One man, with team, can make a perfect trotting track of any road. It is adjustable with a lever, by which the entire action is controlled by the driver, and he can remove at will all the earth possible for the team to haul, taking it from hills or uneven places and putting it into hollows to level up the field.

One-horse, 6 ft., \$40.00; two-horse, 8 ft., \$45.00.

THE "VELVETLAWN" SEEDER

An Excellent New Machine for Seeding Old or New Lawns. Puts Seeds in Old Sod or New Ground Securely. Covers and Rolls Same.



Will sow, cover and roll seed to any desired depth in a strip 16 inches wide, as fast as a man can walk. Cutting action of the discs relieves old sod of root-bound condition. The discs cultivate the grass roots. Each disc automatically conforms to inequalities in the soil. The operator can drill any amount of seed desired.

The "Velvetlawn" Grass Seeder puts the seed in the ground not on top. Birds, wind and rain will have no ill effect when the seed is

drilled into the soil.

The discs do not tear the soil, they cut it. All the seed being planted at an even depth in the soil, the plants must all come up at the same time and make uniform growth. Price on application.

GARDENER'S HARROW

Designed for one horse, convenient to handle and get around garden plots, etc.

25 Teeth with Runners.....\$12.00
30 Teeth with Runners..... 13.50

ONE-HORSE GARDEN PLOW

No. 6 Iron beam wood handles; cuts a 3- to 6-inch deep furrow, and 7- to 10 inches wide. Weight 65 lbs. No. 6. Price, with extra point, \$14.00; with wheel, \$2.00 extra.

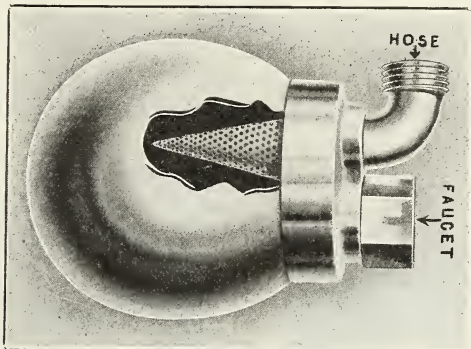
DOUBLE MOULD TWO-HORSE PLOW

This plow is especially adapted for cultivating Potatoes, Corn, etc. Has chilled mould boards and share, 8-inch cut making a double furrow, 16-inch spread.

No. 2. Price \$16.00, with wheel \$2.00 extra.

FERGUSON'S COMBINATION SPRAYER AND SYRINGE

Three Roses—fine, medium and coarse. Recommended for syringing under the foliage of plants where force is needed to keep down Red Spider, etc. Made of brass and screwed on the end of any hose. \$7.50.

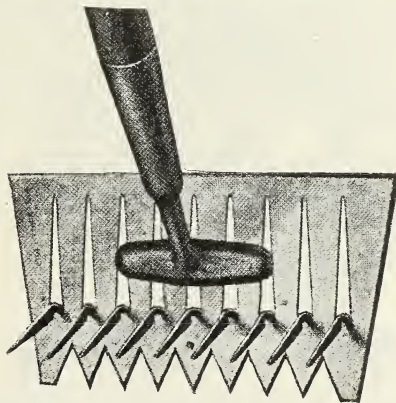


Barrie Soap Sprayer

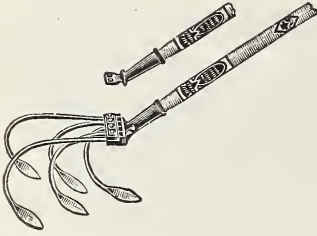
BARRIE SOAP SPRAYER

The Sprayer is attached to the faucet and the hose to the Sprayer. The bowl can be filled with soap and same will mix when the water passes through the Sprayer. Each \$5.00.

THE ROHO RAKE



A valuable garden tool for cleaning weeds from walks, drives, tennis courts, etc. It can be used as a draw hoe, or scuffle hoe and also as a rake. Light and easy to handle, made with unbreakable steel. Each \$1.00.



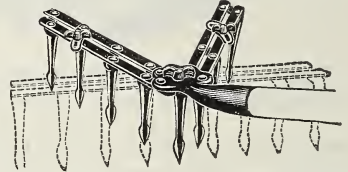
ADJUSTABLE GARDEN CULTIVATOR

The most useful hand garden tool on the market.

It will pull out the weeds, pulverize the ground thoroughly, leaving it level. It will work between the rows, or the center shovel can be removed and straddle the row if desired. It is adjustable in width by sliding the top plate. It is the lightest, weighing but 3 pounds complete with long handle. The blades are forged out of a solid steel rod. Price, \$1.35.

PULL-EASY CULTIVATOR

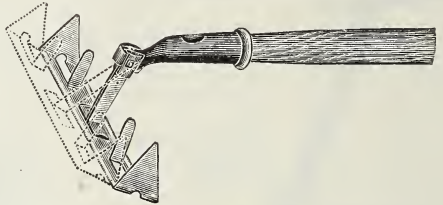
This adjustable cultivator can be adjusted to fit rows of any width from 7 to 18 in. The middle tooth can be instantly removed to straddle the row. Furnished with a 4½ ft. wood handle. Each \$1.50.



Pull-Easy Cultivator

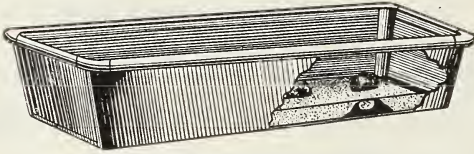
THE PULL-EASY ROCKER HOE

The two-edged, keen blade of this hoe cuts on both the forward and backward motion. The socket casting has side stops which limit the oscillating movement of the blade, keeping it at just the right angle under the surface to cut properly. Made with a five inch blade and 4½ foot handle. Each \$1.00.



Pull-Easy Rocker Hoe

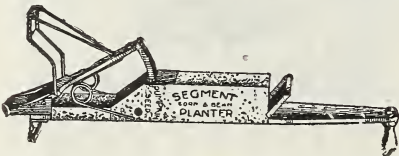
WINDOW BOXES—SELF-WATERING



Made with heavy metal, ornamented with a stamped design. They require water only every two weeks and will not leak. All sizes are 8 in. high and 9½ in. wide.

No.	Length		No.	Length	
No. 1	23 in.	\$3.00	No. 6	33 in.	\$4.75
No. 2	25 in.	3.25	No. 7	35 in.	5.25
No. 3	27 in.	3.50	No. 8	37 in.	5.50
No. 4	29 in.	3.75	No. 9	39 in.	5.75
No. 5	31 in.	4.00	No. 10	41 in.	6.25

HAND CORN PLANTERS



The "Segment" is light, strong, accurate and withal the cheapest and most up-to-date planter on the market. Price, \$2.50.

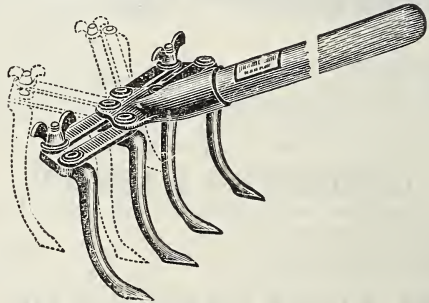
POST HOLE DIGGER



The blades are 9 in. long, and the handles 5 ft. long. Price \$2.25

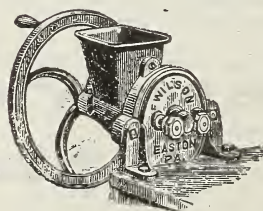
PULL EASY "JUNIOR" CULTIVATOR

ADJUSTABLE
2" TO 6" WIDE



A very handy cultivator having four teeth which can be adjusted from 2 inches to 6 inches between with a 4-foot handle. Each 75c.

GRINDING MILL



This machine will grind dry bones, shells or grain, either fine or coarse. It will make excellent grit out of old crockery, melted glass, etc.

No. 1, without legs, \$6.50; No. 1, with legs, \$8.50.

**MARSHALL'S PLANT TUBS**

Made from selected white cedar, bound with electric welded wire hoops (galvanized). Painted green, furnished without handles, or we can supply handles if wanted. Inside measurements.

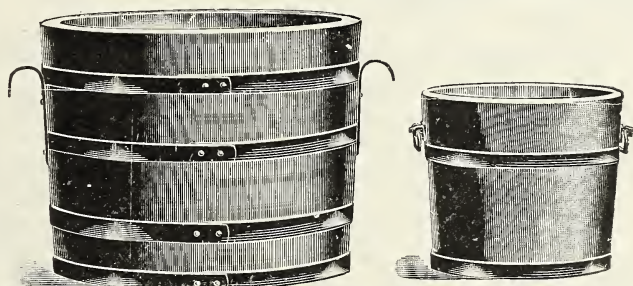


	Diameter	Height	Each		Diameter	Height	Each
No. 3.....	8 in.	8 in.	\$0.80	No. 8.....	13 in.	12 in.	\$2.00
No. 4.....	9 "	9 "	1.00	No. 10.....	15 "	14 "	2.60
No. 5.....	10 "	9 "	1.20	No. 12.....	17 "	13½ "	3.35
No. 6.....	11 "	10 "	1.40	No. 14.....	19 "	15½ "	4.25

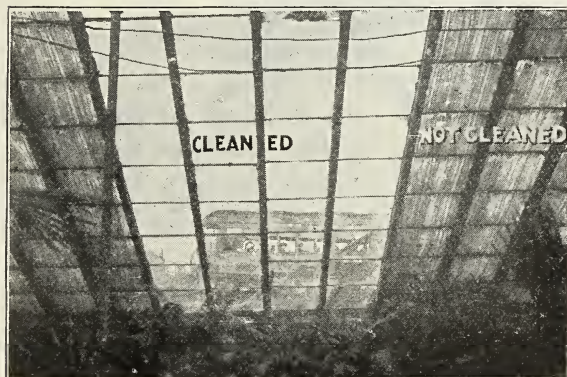
NEW YORK CEDAR TREE TUBS

Made with very heavy cedar. Painted green in regular stock. Any color desired to order. Outside measurements.

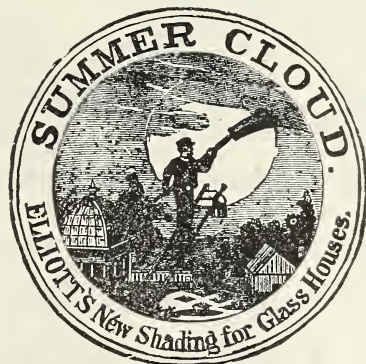
	Diameter	Height	Each
No. 00.....	32 in.	26 in.	\$17.50
No. 0.....	30 "	24 "	13.50
No. 1.....	28 "	22 "	11.00
No. 2.....	26 "	20 "	9.50
No. 3.....	24 "	18½ "	7.00
No. 4.....	22 "	17 "	5.50
No. 5.....	20 "	16 "	4.50
No. 6.....	18½ "	15 "	3.75
No. 7.....	16½ "	14 "	3.25
No. 8.....	15½ "	13 "	2.75
No. 9.....	14 "	12 "	2.25
No. 10.....	12 "	9½ "	1.75



No. 00, 0, 1 and 2 have hook handles. Smaller sizes drop handles. Furnished without feet unless specially ordered.

DAYLITE GLASS CLEANER**SUMMER CLOUD SHADING**

This will clean shading or other dirt from glass without injury to plant or putty. Valuable for cleaning sides or roofs of greenhouses. Per gallon, \$1.50, 5 gallons, \$6.00.



This well-known English preparation is used for shading greenhouses, frames, etc. Does not wash off like lime. Packages containing 8 ounces. Each 60c.

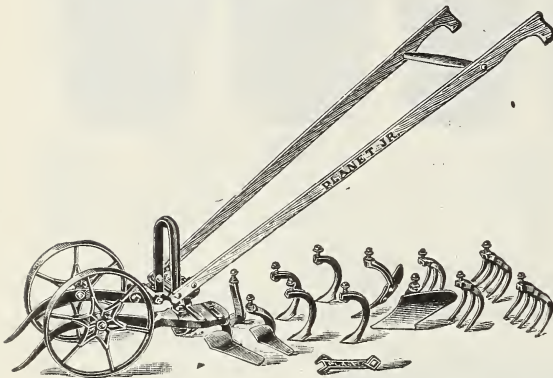
WHEELBARROW LEAF-RACK ATTACHMENT

Can be attached to any style or size wheelbarrow with removable sides. Most convenient for gathering leaves, cut grass and rubbish. One of these attachments should be in use on every small suburban place, as well as the larger estates. Capacity 10 bushels; made of galvanized wire, bolted to a wooden base. Each \$7.00.



PLANET JR. TOOLS

Products of 35 years' experience by a practical farmer and manufacturer who has made a science of tool building. All guaranteed. Illustrated catalogue FREE. Prices subject to change.

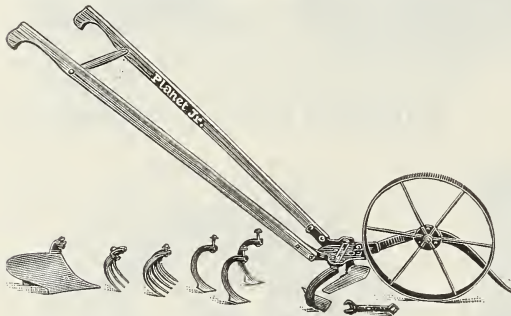


No. 11 Planet Jr. Double Wheel Hoe, Cultivator, Plow and Rake

Price, with attachments as in cut, \$16.00.

No. 12 Double Wheel Hoe, Price, \$12.50

This is identical with No. 11 Wheel Hoe, except that it has one pair plows, one pair hoes, two pair cultivator teeth and a pair of leaf filters only.



No. 16 Planet Jr. Single Wheel Hoe

Price, with attachments shown in cut, \$10.50.

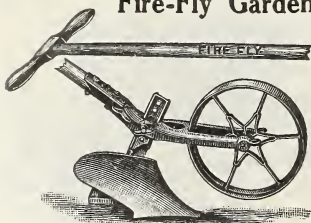
No. 17 Single Wheel Hoe, Price \$8.75

The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

No. 18 Single Wheel Hoe, Price \$6.25

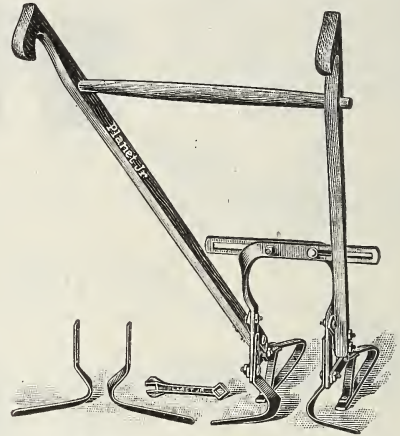
Has one pair of 6-inch hoes only—the tools that are most constantly useful. Other tools can be added as needed.

Fire-Fly Garden Plow



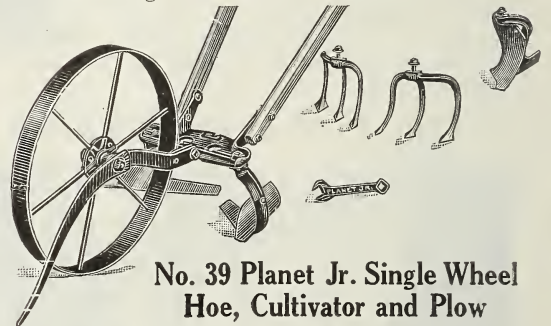
Price, \$4.00.

This tool will enable a busy man to do nearly all the work of a family garden. Chicken raisers find it of great advantage in plowing up their scratching yards.



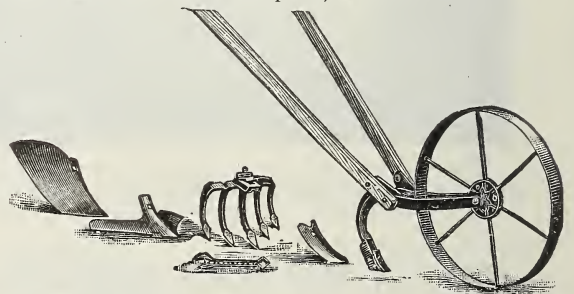
No. 66 Planet Jr. Slide Hoe, Price \$4.00

It straddles rows and works closely both sides of the rows at once, or, by changing the hoes, will work between rows. The slides lift up the tops of onions and other plants and work beneath without bruising the plants. Particularly useful in late cultivation and harvesting.



No. 39 Planet Jr. Single Wheel Hoe, Cultivator and Plow

A useful gardener's tool, with two hoes, one large plow, one pair of three-prong cultivator teeth, and leaf lifter. Price complete, \$10.50.

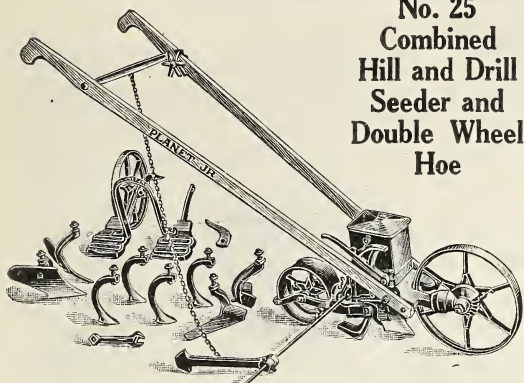


No. 19 Farmer's Single Wheel Hoe, Cultivator and Plow

A cheap and efficient garden tool, consisting of one plow, one 10-in. sweep, one 5-in. sweep, one 2-in. cultivator and one 4-in. cultivator. Price, complete, \$6.25.

PLANET JR. TOOLS—Continued

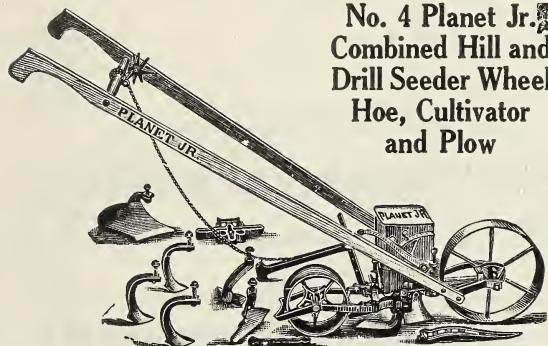
No. 25 Combined Hill and Drill Seeder and Double Wheel Hoe



As a seeder it will sow in drills any thickness or drop in hills 4, 6, 8, 12 or 24 inches apart. It is thoroughly substantial and is accurate in planting all kinds of garden seeds in either hills or drills.

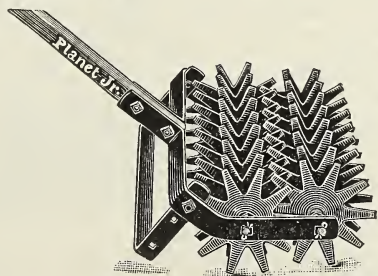
As a wheel hoe it is practically the same as the admirable Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow. No. 25, complete, \$23.00

No. 4 Planet Jr. Combined Hill and Drill Seeder Wheel Hoe, Cultivator and Plow



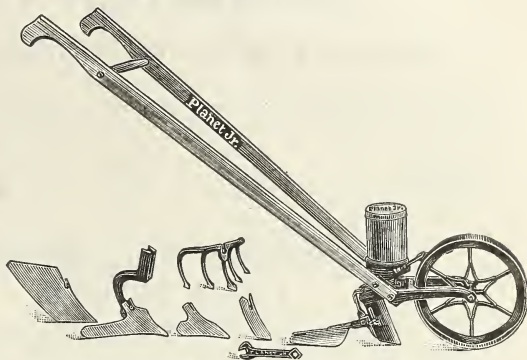
No. 4 complete.....\$19.50
No. 4D, as a Seeder only..... 15.50

Does the work of almost all garden tools combined. It sows accurately all garden seeds in drills or in hills 4, 6, 8, 12 or 24 inches apart, cultivates, furrows and plows.



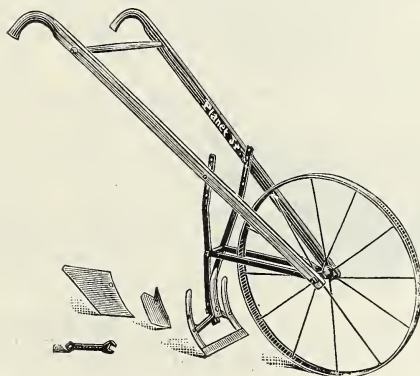
Planet Jr. Star Pulverizer, Leveler and Weeder

This new tool is especially adapted for preparing the seed bed, and will be found of great value in smoothing and fining the soil surface. The rear blade is 13½ inches wide. After the crops are started, it may be used between rows as a weeder or as a crust breaker. Price, \$6.50.

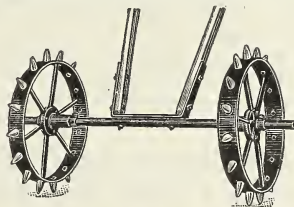


No. 31 Planet Jr. Combined Seeder and Wheel Hoe

It combines a thoroughly reliable Seeder that will sow all garden seeds from the smallest up to peas and beans, with a first-class light running Wheel Hoe. No. 31 Complete Seeder and Wheel Hoe....\$13.00
No. 31D As a Seeder only..... 10.50
No. 33 As a wheel hoe only with tools as shown above without the seeder attachment 6.50



No. 119. A new cultivator with a 24-in. wheel. A very useful tool for small gardens. Price, \$5.50.



Planet Jr. Spot and Drill Marker

Very useful for marking out the rows when transplanting all kinds of plants to ensure the same distance apart between the plants and rows.

Two-Row Spot and Drill Marker. Price, \$5.50.

No. 104 Horse Hoe and Cultivator

Equipment: Five 3-in. Steels, 1 pair 6-in. turning shovels, one 7-in. shovel steel and lever wheel. Price, \$14.75.

Extra Parts for Planet Jrs.

We shall be pleased to supply any parts or attachments. Always give No. of Tool or send broken part when ordering.

COLDWELL'S LAWN MOWERS

IMPERIAL HIGH WHEEL MOWER

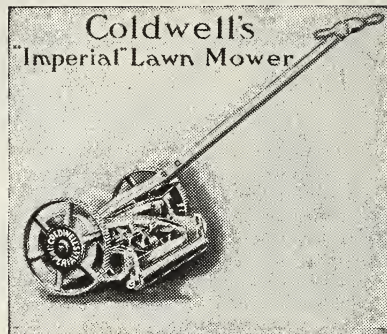
The Imperial is one of our best mowers. It can be sharpened in a few minutes without removing any of its parts. We positively guarantee this mower to give entire satisfaction.

Net Price: 14 in., 4 blades....	\$14.00;	5 blades....	\$14.50
Net Price: 16 in., 4 blades....	15.00;	5 blades....	15.50
Net Price: 18 in., 4 blades....	16.00;	5 blades....	16.50
Net Price: 20 in., 4 blades....	17.00;	5 blades....	17.50

"THE RAJAH" BALL-BEARING LAWN MOWER

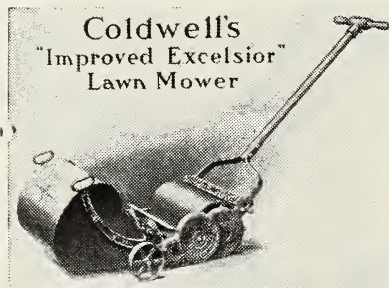
The "Rajah" is the best Ball Bearing Mower on the market. It has 10-inch drive wheels; five blades in the revolving cutter, which is of large diameter, thus enabling it to cut high grass. The adjustment of this machine is accomplished by means of a single screw conveniently located in the end of revolving cutter. This one screw does it all.

Net Price, 14 inches.....	\$14 50	Net Price, 18 inches.....	\$16.00
Net Price, 16 inches.....	15.00	Net Price, 20 inches.....	17.00



IMPROVED EXCELSIOR MOWER

This mower is made to meet the demand for a machine that will more perfectly cut borders, verges, etc., and yet retain all the other features necessary in a mower for general work.



Net Price: 12 in., 6 blades.....	\$19.00
Net Price: 14 in., 6 blades.....	21.00
Net Price: 16 in., 6 blades.....	23.00
Net Price: 18 in., 6 blades.....	25.00

Grass Catchers not included in above prices.

CHAIN ROLLER GOLF MOWER

Net Price: 12 in., 6 blades.....	\$18.00
Net Price: 14 in., 6 blades.....	19.50
Net Price: 16 in., 6 blades.....	21.00
Net Price: 18 in., 6 blades.....	24.00

Grass Catchers not included in above prices.

"THE REGAL" BALL-BEARING LAWN MOWER

The drive wheels of the Regal are locked fast to the opposite ends of a steel shaft which is supported near its ends by ball bearings. The ball bearings are fitted with adjustable cones, by means of which the wheels can always be made to run true, no matter how much the machine is worn.

Net prices, 14 in., 5 blades, \$16.50; 16 in., \$18.00; 18 in., \$19.50; 20 in., \$21.00.

COLDWELL'S UNIVERSAL HORSE LAWN MOWER

It has side draft attachment to enable the horse to walk on the cut only. We secure evenness of cut by an adjustment which raises or lowers the two sides at the same time by means of a simple lever movement; the same lever serves the purpose of raising the knives from the ground when driving over gravel walks or roads.

Net Prices:

30 in., 4 blades.....	\$110.00
30 in., 6 blades.....	120.00
35 in., 4 blades.....	135.00
35 in., 6 blades.....	145.00
40 in., 4 blades.....	170.00
40 in., 6 blades.....	180.00

COLDWELL'S DEMOUNTABLE HORSE LAWN MOWER

The Demountable Cutter Unit Horse Mower is constructed upon an entirely new principle and is a wide departure from anything of the kind ever made. The cutter section, which is the vital part of a lawn mower, is made into a unit and is independent and removable from the main frame of the mower. This unit consists of a simple frame containing the revolving cutter, the bottom or stationary knife and parts necessary for adjusting the same to each other. It is attached to the main frame of the mower by four locking screws and can be attached or removed in less than a minute.

This unit, being the cutter section of the mower, is the only part necessary to send in to the factory for sharpening or adjusting.

Net Prices: 6 blades, 30 in., \$180.00; 35 in., \$230.00; 40 in., \$280.00.

These prices include an extra cutting unit.

GRASS CATCHERS

For Imperial, Rajah and Regal Mowers.

Net Prices: 12 in. \$2.25, 14 in. \$2.50, 16 in. \$2.75, 18 in. \$3.00, 20 in. \$3.50.



TOWNSEND'S LAWN MOWERS

THE "TOWNSEND" HORSE LAWN MOWER

The most perfectly constructed Horse Lawn Mower on the market. Triple rolls with triple pawls in each roll. Unlike other mowers the motion of the blades is maintained even when turning sharp corners. The height of cut and motion of knives is under perfect control of the driver from his seat, and the large rolls (15 inches in diameter) insure great power and ease of movement.

Pony Mower, 25-inch cut.....Net, \$80.00
Horse Mower, 30-inch cut.....Net, 110.00

Horse Mower, 35-inch cut.....Net, \$120.00
Horse Mower, 38-inch cut.....Net, 130.00

TOWNSEND'S TRIPLEX HORSE LAWN MOWER

The Triplex Mower consists of three mowers yoked together, two abreast in front, and one in the rear, thus cutting a swath 86 inches wide.

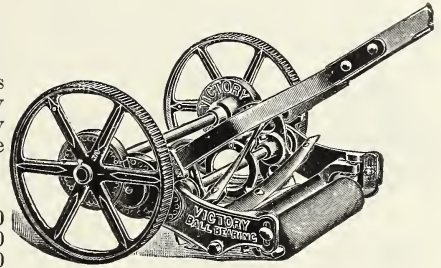
One man and one horse, with a Triplex, will cut more grass in a day than with three ordinary horse mowers. Ask for catalogue with full particulars. Price \$325.00-net. F. O. B. Orange, N. J.

"VICTORY" BALL-BEARING LAWN MOWER

This Mower is fitted with **Ball-Bearings**. The gear is entirely closed, so that no dirt or cut grass can find its way into the pinions and clog them. The cutter bar is easily removed for sharpening without disturbing the frame. The knives cut the instant the mower is moved.

Net Prices:

14 in.....\$15.50	20 in.....\$21.50
16 in.....17.50	22 in.....23.50
18 in.....19.50	24 in.....25.00



TOWNSEND'S GOLF WONDER MOWER

Especially designed for cutting Putting Greens and fine Lawns. Runs very easy, due to high speed; has gear drive and six blade knife reel. 16 in. \$27.00; 18 in. \$29.00; 20 in. \$31.00. Grass Catcher, complete with elevator and deflector, \$7.00.

PENNSYLVANIA LAWN MOWERS

High wheel, 10½-inch diameter.

15 in., 4 blades.....\$26.00	19 in., 4 blades.....\$30.00
17 in., 4 blades.....28.00	21 in., 4 blades.....32.00

PENNSYLVANIA PUTTING GREEN ROLLER MOWER

Has 6 blades, 7-in. iron rollers, all highly finished. 14 in., \$26.00, 16 in., \$28.00, 18 in., \$30.00.

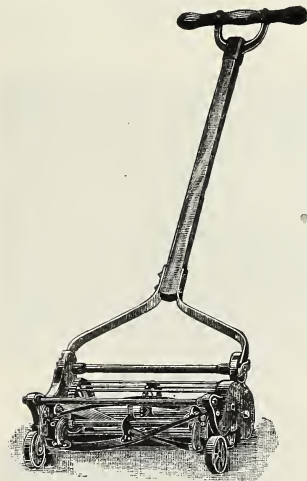
"EASY" BORDER LAWN MOWER

The only Mower made that will cut borders, mounds, terraces, close to walls and fences, and all kinds of uneven surfaces with the same ease and efficiency as the smoothest lawn.

It has a steel open roller, four spiral blades, self-adjusting ball bearings with detachable handle.

Net Prices:

10 in.....\$14.00	14 in.....\$18.00	18 in.....\$23.00
12 in.....16.00	16 in.....21.00	20 in.....25.00



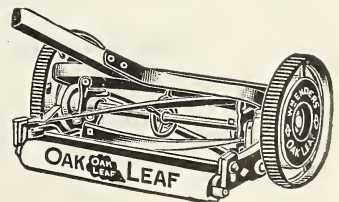
"Easy" Lawn Mower

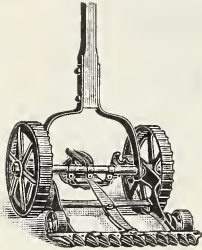
"OAK LEAF" HIGH WHEEL BALL BEARING LAWN MOWER

This machine has 10-in. drive wheels, four-blade revolving cutter, direct gearing with pawls on each side. We recommend this as a first-class Lawn Mower for the cheaper price.

14 in.....\$11.50	16 in.....\$12.00	18 in.....\$12.50
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Prices of all Lawn Mowers are subject to change.





THE "CLIPPER" MOWER

The cut shows a perspective view of the "Clipper" Mower. In the first place you will observe the cutter bar is directly in front of the wheels. The wheels travel over ground where the grass is cut, never rolling down the standing grass with the wheels, as other Lawn Mowers do. The small gauge wheels at the side are to gauge the height you wish to cut the grass.

Net Prices: 15 inches, \$9.50; 18 inches, \$12.00; 21 inches, \$14.00.

COLDWELL'S COMBINATION ROLLER AND MOTOR LAWN MOWER

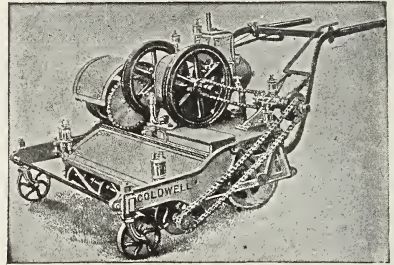
Simplicity more than anything else has been sought in these models. Mechanical experience is not necessary to operate them and they can be cared for by anyone.

In using these machines you simply have to guide the mower negotiating any grade that a horse-mower can be used on, and running a keen 30-inch or 35-inch cutter over 6 or 8 acres per day. Model "H" weighs 900 lbs. Model "G" (same type), 35-inch cut, weighs 1000 lbs.

The operating handles are also used for raising and lowering the cutter unit over obstacles.

Model G, \$450.00. F. O. B. Newburgh, N. Y.

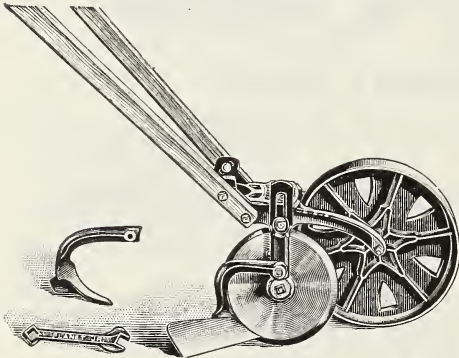
Model H, \$400.00. F. O. B. Newburgh, N. Y.



THE COLDWELL MOTOR LAWN MOWER

Weight, 2000 pounds. Equipped with 2-cylinder, 4-cycle, latest improved automobile motor. Consumes three-quarters of a gallon of gasoline per hour; cuts 40-inch swath. Guaranteed to negotiate 25 per cent. grades. Cutting part can be lifted from the ground by means of a single lever.

Model J, \$1300.00. Net F. O. B. Factory, Newburgh, N. Y.



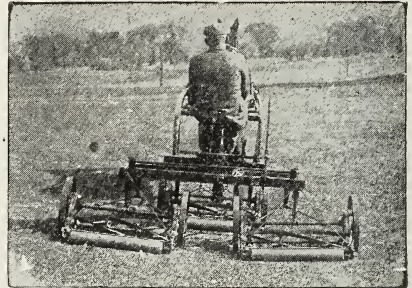
PLANET JR. GRASS EDGER

Useful for edging paths, drives, open borders or flower borders. It can be set for the wheel to run on the grass or walks. Price \$8.00.

THE SHAWNEE TRIPLE "SULKY" MOWER

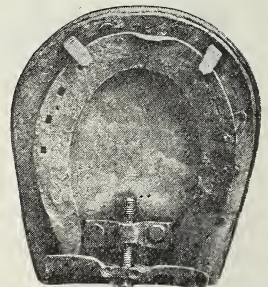
The Shawnee Mower combines the work of three mowers in one, cutting 7 feet wide or as a sulky only 30 inches. The spring arrangements permits it to cut long or rough grass any desired length. Descriptive circular sent on request.

Price net: \$350.00. Extra unit, ordered with mower, \$90.00
Extra unit ordered separate, \$100.00.

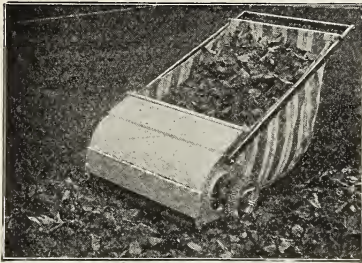


BAKER'S HORSE LAWN SHOE

It is made of a steel plate turned up at the toe to protect the turf, with two riveted prongs that fit the horseshoe in front and a clamp that sets up to the heel. In ordering please send size of horseshoe from toe to heel, or a tracing of the shoe to insure a good fit. Per set, \$10.00.



PENNSYLVANIA ROTARY LAWN CLEANER



A revolving fan with metal teeth creates an air current which carries in to the canvas baskets all leaves, dead grass, stone, etc., that the rake encounters. It straightens up crab grass and other running weeds so that they may be cut by lawn mower. It combines strength and durability with light construction. 24 inches wide. \$25.00. 36 inches wide, \$33.00.

GRASS SOD AND CEMENT TAMPERS

Useful for tamping down grass sod and uneven spots on Lawns, Tennis Courts and Golf Grounds. Made of iron, with heavy wooden handle.

Square Pattern

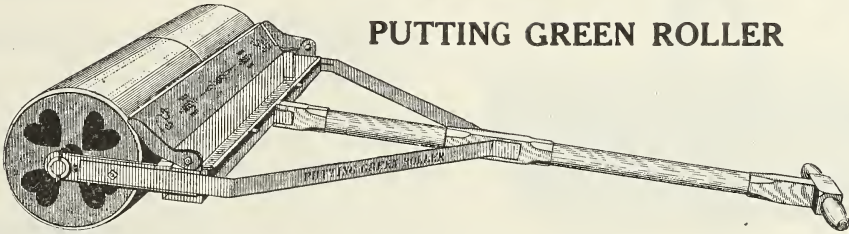
Size	Weight	Each
6 in.	12 lbs.	\$1.35
8 in.	17 lbs.	1.55

Round Pattern

Size	Weight	Each
5 in.	15 lbs.	\$1.50
6 in.	20 lbs.	1.75



PUTTING GREEN ROLLER



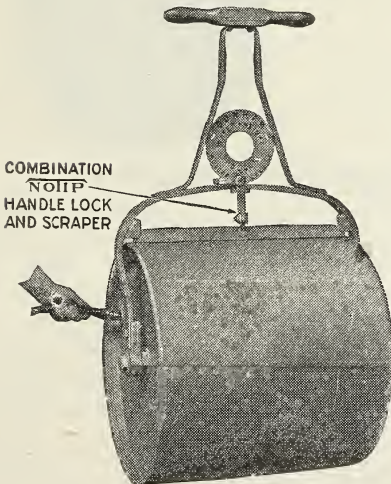
These rollers are made up in wood or cast iron in four 12-inch sections, 4 feet wide, 10 inches in diameter, and are used especially for Putting Greens or fine lawns. Each \$25.00.

WATER BALLAST ROLLER FOR LAWNS

With a Water Ballast Roller, one can secure any weight desired by simply removing a cap and filling with as much water or sand as may be required.

The plug in the drum is coated with a non-rusting compound, so the plug is easily removed with the wrench that is furnished with all rollers. When filled with sand they weigh 50 per cent more than with water.

The "WB" type is fitted with a steel scraper, which is adjustable and can also be used to hold the handle in place when not in use.



COMBINATION
NOIP
HANDLE LOCK
AND SCRAPER

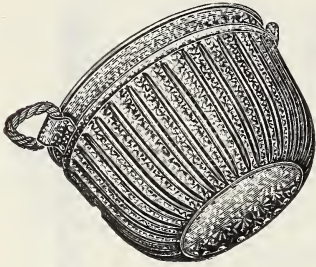
No.	Diam. Inches	Length Inches	Sections	Weight Empty	Filled with Water	Price
WB 3	14	20	1	60 lbs.	160 lbs.	\$15.00
WB 5	18	24	1	85 lbs.	300 lbs.	17.50
WB 7	24	24	1	110 lbs.	500 lbs.	22.50
WB 9	24	32	1	130 lbs.	600 lbs.	25.50
WB 11	18	24	2	110 lbs.	300 lbs.	24.00
WB 13	24	32	2	160 lbs.	600 lbs.	33.00
WB 15	24	24	2	140 lbs.	400 lbs.	29.00

Prices subject to change.

GOLD MEDAL HORSE LAWN AND GOLF GROUND ROLLERS

All steel frame and brackets, axle lathe-turned heavy machine steel. Rollers smooth face, aluminum finished and outer edges rounded.

We shall be pleased to give sizes and weights with prices on application.



GALVANIZED BASKETS

This basket will give longer and better use than any other basket. The bottoms are double thickness, securely riveted and the top has a steel bar rolled in the top edge.

Useful for vegetables, rubbish and all kinds of garden or farm work.

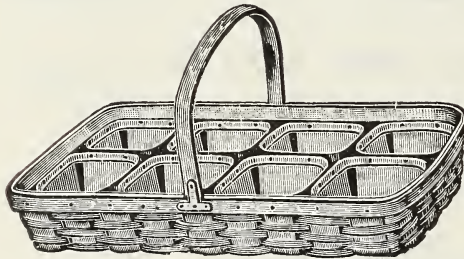
Also for carrying water, washing pots in, or mixing Insecticides.

No. 0. $\frac{3}{4}$ bushel.....	Each \$2.75
No. 1. 1 bushel.....	3.25
No. 2. 2 bushels.....	4.00

GARDENERS' BASKETS

Made with splint and bamboo bound with metal straps. Very strong and durable.

No. 1 size 19 in. x 11 in. x 7 in.....	\$1.75
No. 2 size 21 in. x 12 in. x 7 in.....	2.00
No. 3 size 25 in. x 14 in. x 8 in.....	2.25
No. 4 size 27 in. x 16 in. x 9 in.....	2.75
No. 5 size 28 in. x 18 in. x 10 in.....	3.25



FLOWER AND FRUIT BASKETS

A handy basket for gathering flowers, vegetables and fruits.

Medium size 20 x 12 x $3\frac{1}{2}$ in.....	Each \$0.75
Large size 22 x 14 x $3\frac{1}{2}$ in.....	Each 1.00

GENERAL FARM BASKETS

Made with best oak splint, reinforced with iron hoops. Handy for carrying leaves, rubbish, wood, coal, etc.

1 bushel size.....	Each \$1.75	2 bushel size.....	Each \$2.75
$1\frac{1}{2}$ bushel size.....	Each 2.25	3 bushel size.....	Each 3.75



STRAWBERRY BASKETS

Useful for gathering strawberries and raspberries. One quart size. Per 100 \$1.50. Per 1000 \$14.00. 3 quart size per 100, \$3.25.

THE BALL PLANT PROTECTOR

This is a muslin-covered Plant Protector designed to meet the requirements of a rough-and-ready protector of great durability, for all kinds of plants (not seeds) after setting them outside.

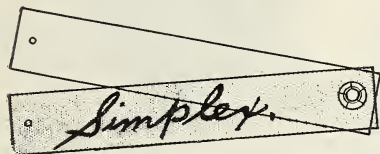
These protectors have strong wooden frames, covered with good muslin, of such a shape that you can nest them one inside the other, like clay flower pots.

They have projections below the bottom which serve as anchors when pressed into the soil, thus preventing a strong wind from blowing them over. No. 1 size, 9 inches diameter, 12 inches high. Doz. \$4.25.

**THE ALL-PROOF LABEL**

Made with zinc, having a white enameled surface for the name, which is covered with a glass slide.

	Doz.	Gross
No. 1. For hanging 3½ in. long.....	\$0.80	\$8.50
No. 2. For pots or borders, 6 in. long..	.90	9.00
No. 3. For pots or borders, 8 in. long..	1.10	11.00

SIMPLEX WATERPROOF PLANT LABELS

The writing is protected by the transparent cover.

	Doz.	100
No. 1. 3x½ in.....	\$0.35	\$2.50
No. 2. 4x¾ in.....	.70	5.00
No. 3. 5x1 in.....	1.00	7.50

Including copper wires for attaching.

SIMPLEX GARDEN LABEL

This label is used for marking plants in borders, etc. The rod is 18 in. long and the card for writing on is 1½ by 2¾ in., which is made from celluloid with a transparent cover. Doz. \$2.75, 100 \$20.00.

TROWEEED GARDEN TROWEL

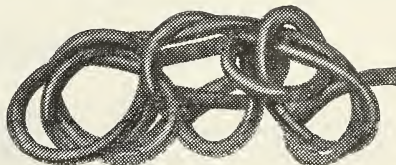
A combination trowel, weeder and transplanter adapted for all garden work. Each 60c.

THE "MARSHALL" GARDEN HOSE

We have arranged with a leading maker to manufacture a special hose for garden and greenhouse work which is non-kinkable and will stand the highest water pressure.

Sample mailed on request. In 25- and 50-foot lengths only with ¼-inch connections.

"Marshall" Hose. ¾-inch, 22c. per foot; ½-inch, 20c. per foot.



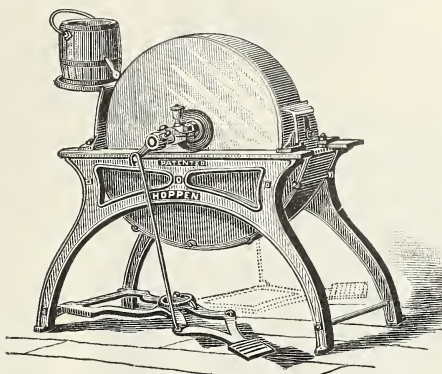
"Marshall" Hose

ELECTRIC GARDEN HOSE

A three-ply, non-kinkable, molded hose.

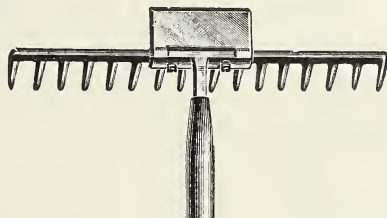
Standard lengths, 25 and 50 ft. ½ in. per ft. \$0.23

Standard lengths, 25 and 50 ft. ¾ in. per ft. .25

THE HOPPEN GRINDSTONE

The frame is all iron and is very rigid. Every private estate should have one of these Grindstones on hand.

No. 0 Stone 24x2½ in., complete.....	\$32.00
No. 1 Stone 24x3 in., complete.....	34.00
No. 2 Stone 27x3½ in., complete.....	55.00

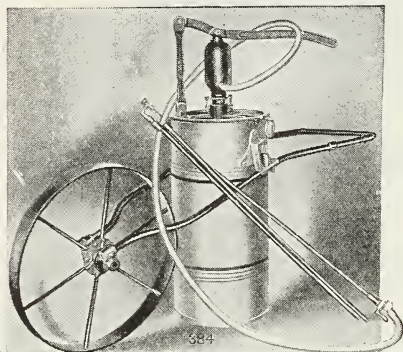
HOE-RAKE ATTACHMENT

This attachment can be fastened to any size Steel Rake and used as hoe on the back of the rake. When raking drives or walks often weeds are found, and by simply turning the rake over the Hoe Attachment can be used to great advantage in destroying them. Each 25c.

AUTO-SPRAY PUMPS

No other style of Sprayer will do such a variety of work, and do it so well. We recommend it for trees, shrubs, and vines, greenhouses, poultry houses, hospitals, and stables for disinfectants, for sheep and cattle dip and cattle fly oils.

It may be used where any buckets or knapsack Sprayer can be used, and with much more satisfaction. Even those who have commercial orchards and large power Sprayers need the "Auto-Spray" No. 1 for small work.



Auto Spray No. 40 C.

No. 1. A. Brass Tank, with Stop-Cock.....	\$11.50
No. 1. B. Brass Tank, with "Auto-Pop".....	12.00
No. 1. C. Galvanized Tank, with Stop-Cock.....	7.50
No. 1. D. Galvanized Tank, with "Auto-Pop".....	8.00
"Auto-Pop" Nozzle, with hose and connections.....	2.50
"Auto-Pop" Nozzle.....	2.00
Extension Pipe, Brass, 2 ft. lengths, each.....	.70
Elbow extension, solid brass..	.35
Brass Strainer.....	1.50



Auto Spray No. 40 C. Compressed air, heavy brass tank, capacity 12 gallons, 8 ft. hose, 8 ft. extension pipe and "Vermorel" nozzle. Mounted on 20-in. wheel truck. A very complete spraying outfit. Price, \$30.00.

Auto Spray No. 40 D. With galvanized tank and attachments, as above, \$25.00.

"POMONA" BARREL SPRAY PUMP

Very Powerful and Large Capacity—All Working Parts Bronze

The best orchard barrel Sprayer. It is unusually powerful and of large capacity, fully capable of supplying four leads of hose and eight nozzles. There is nothing about the Sprayer to get out of order, and with ordinary care it will last a lifetime.

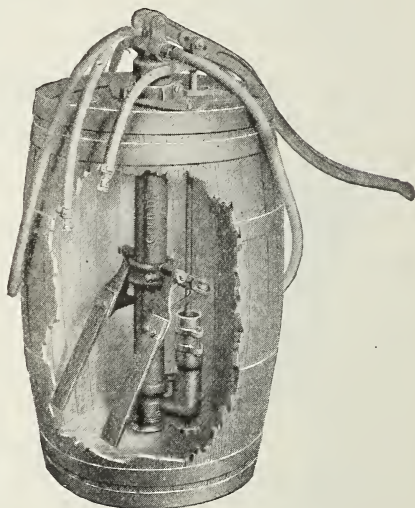
Pump, with Agitator and Hose Coupling.....\$27.50

Outfit C. Pump with Agitator, one lead 15 ft., Discharge Hose and Nozzle..... 33.00

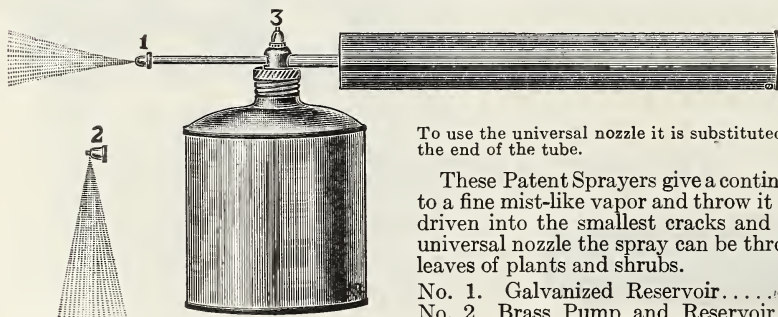
Outfit D. Pump with Agitator, two leads, 15 ft. each, Hose and two Spray Nozzles..... 39.00
Barrel furnished for above..... 6.50

Bamboo Extension, 10 ft. long. A metal tube inserted in a bamboo rod. Fitted with brass stop-cock and 1/4-inch threads.. 5.25

Barrel Cart. Designed for mounting the above Sprayers.
Iron Wheels with wide tires. With barrel for pump..... 31.00
Without barrel..... 25.00



COMPRESSED AIR SPRAYERS

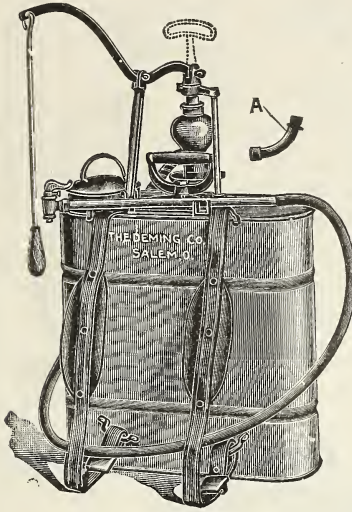


1—Straight nozzle
2—Universal nozzle detached. 3—shows universal nozzle as attached to holder for safe keeping when not in use.

To use the universal nozzle it is substituted for the straight nozzle No. 1 on the end of the tube.

These Patent Sprayers give a continuous spray, reduce the liquid to a fine mist-like vapor and throw it with great force, so that it is driven into the smallest cracks and crevices. By means of the universal nozzle the spray can be thrown on the under side of the leaves of plants and shrubs.

No. 1. Galvanized Reservoir.....	\$1.25
No. 2 Brass Pump and Reservoir.....	2.25



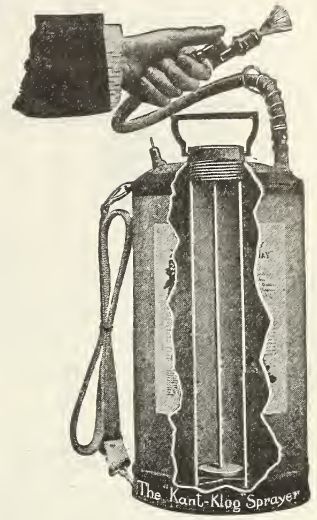
"Success" Sprayer

"KANT-KLOG" SPRAYER

The Sprayer body is made of heavy polished brass or galvanized steel as desired. Both top and bottom are dome-shaped; joined to body under heavy pressure, making a complete double seam.

Each Sprayer is fitted with "KANT-KLOG" nozzle for making two round and one flat spray, two solid streams; thumb pressure Spring Hose-Cock, carrier strap and safety valve.

Galvanized Steel Body.....\$7.25
Polished Brass Body.....10.50
Brass Extension Rods, 3 ft., each......70



"SUCCESS" SPRAYER

This Sprayer is undoubtedly the best and most improved on the market. The tank holds 5 gallons and is made of copper throughout.

Pump is fitted with bronze valves and mechanical agitator. The attachment A, is used for underspraying.....Price \$26.00

BRASS BUCKET SPRAYERS

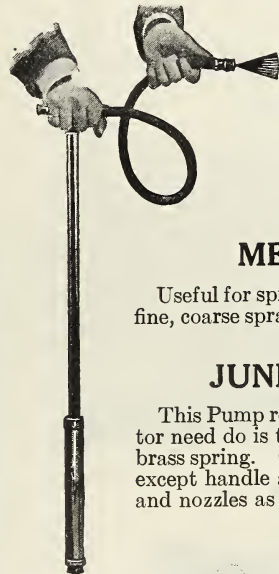
This Spray Pump is especially designed for spraying in gardens and greenhouses. The Pump is double acting in effect, has gutta percha ball valves. Foot piece is malleable iron. The pump end of discharge hose is wire wound. Each \$6.00.

MEYER'S BUCKET PUMP

Useful for spraying trees, etc. Complete, with combination fine, coarse spray and solid stream nozzle, with agitator, \$5.50.

JUNIOR NO. 5 SPRAY PUMP

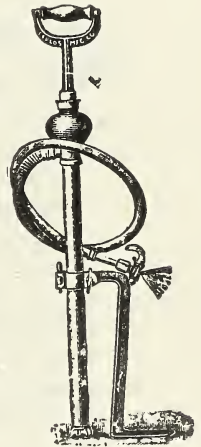
This Pump requires no fastening of any kind. All the operator need do is to press the plunger down. It rises itself by a brass spring. Can be used in a pail, tank or barrel. All parts except handle and hose are solid brass. Complete with hose and nozzles as shown in cut, each \$4.25.



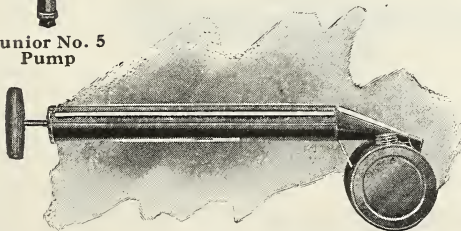
Junior No. 5 Pump



Meyer's Pump



Brass Bucket Pump



Auto Spray No. 22

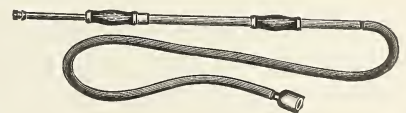
AUTO SPRAY No. 22 A

A single acting hand Atomizer. Made from good heavy material. Capacity one quart. Pump cylinder 14 in. by 1 3/4 in. Length 22 in. Each 50c.

AUTO SPRAY NO. 5

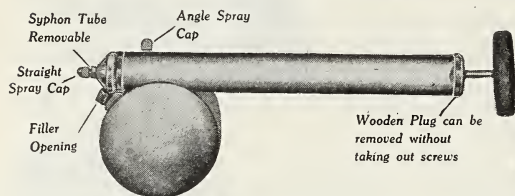
This Pump is made entirely of brass, is double acting and will generate a pressure of 150 lbs. Furnished with 3 1/2 feet 3/8-in. hose. Can be used in any pail or container. Each \$5.50.

Brass extension rods, each 70c.



Auto Spray No. 5

AUTO SPRAY No. 25



The Auto-Spray No. 25 operates continuously on both the up and down stroke and throws a fine, misty spray.

Two spray caps, one straight and one at an angle for under the leaves. Capacity, 8 quarts.

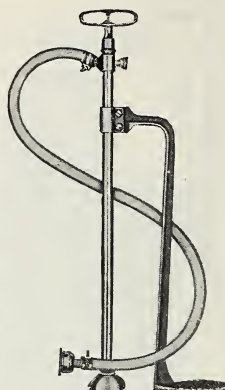
No. 25 B, Galvanized tank, each.....\$1.25
No. 25 C, Brass tank, each.....1.50

AUTO-SPRAY

No. 6

BUCKET PUMP

This pump sprays perfectly on the up and down strokes. The parts are all made with brass and a malleable iron foot rest. Three feet of hose, one solid stream nozzle, and one for a fine mist spray with screen to prevent clogging. Each \$5.50.



Auto-Spray No. 6

KEY DUSTER GUN

When the World War affected the food supply of this Country, there was a great impetus given to the Home and Small Garden and it was very promptly noted that no adequate means in a convenient form was available for the easy handling of Insecticides and Fungicides. So, after 2 1-2 years of consistent work the **KEY DUSTER GUN** and Insecticide and Fungicide **CARTRIDGES** were born, which adequately supplies in a convenient form

THE NEW QUICK AND EASY WAY OF USING INSECTICIDES AND FUNGICIDES IN THE CARTRIDGE

Killing many bugs; preventing certain Blights

No Handling or Mixing of Chemicals and Without the use of Water.

The Gun automatically opens the Cartridge and applies the materials to the foliage.

Filling the long felt want for HOME GARDEN, SMALL ORCHARD.

Simple and Complete Spraying Calendar packed with each Gun. **Price of Gun complete \$3.00**

Price of Cartridge **B. A.** for Vegetable and Small Fruit **15 cents each**

L. A. S. for Fruit - - - - - **15 " "**

HELLEBORE (for Fruit and Vegetable when nearly ripe) **20 cents each**



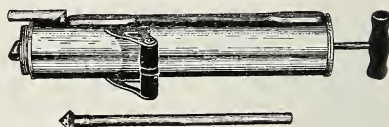
THE MEYER'S POWER SPRAY GUN



This gun utilizes the entire capacity of any power spray pump and does away with all bamboo extensions, nozzles and fittings. It can be adjusted to make a long or short distance spray and is fitted for 3/4-in. hose coupling and 1/4-in. pipe. Each \$10.00.

DUSTER BROWN POWDER GUN

A double acting continuous dust gun for use in dusting small trees, garden truck and general dusting use. The container holds one quart of powder. Each \$1.75.

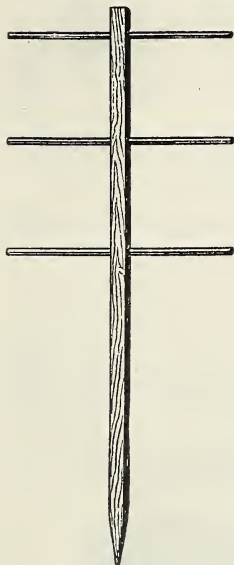


FAN TRELLIS

Very popular for training pot plants for windows or conservatories.

Height	Width	Each
18 inches	6 inches.....	\$0.30
24 inches	10 inches.....	.40
30 inches	13 inches.....	.55
36 inches	16 inches.....	.90

All painted dark green.



Single Support



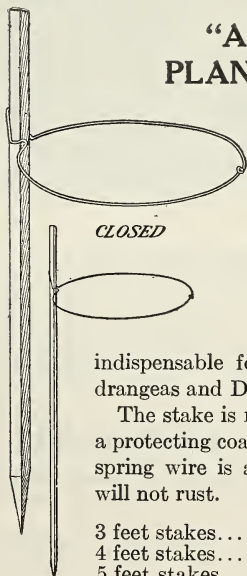
Fan Trellis

SINGLE BERRY SUPPORT

Can be used for all kinds of shrubbery. Made of 2x2-in. hard wood. Posts, 6 feet high and arms 4 feet across. Painted green. Very strong and durable. Each 60c., doz. \$5.00.

DOUBLE BERRY SUPPORT

Made of 2x2-inch hard wood. Two posts 6 feet high and arms 4 feet across. Painted green. Ornamental and useful for any vines. Each \$1.50, doz. \$15.00.



"ADJUSTO" PLANT SUPPORT

The "Adjusto" is a very simple, unbreakable, practical and cheap support which will last a lifetime.

It is adjusted in a "jiffy" to any height, to conform to the plant's growth. It is

indispensable for Tomatoes, Roses, Hydrangeas and Dahlias.

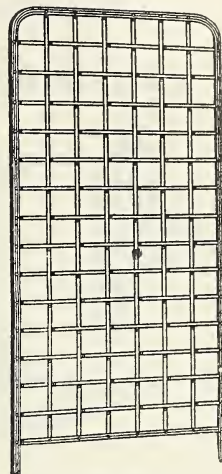
The stake is made of hard wood having a protecting coat of green paint, the heavy spring wire is also painted green and so will not rust.

	Each	Doz.
3 feet stakes.....	\$0.20	\$2.25
4 feet stakes.....	.25	2.75
5 feet stakes.....	.30	3.25

ROSE TRELLIS

Made especially for Climbing Roses and Vines. Heavy iron, painted dark green; very ornamental.

No.	Wide	High	Each
27	2 ft.	7 ft.	\$9.00
28	2 ft.	8 ft.	9.25
29	2 ft.	9 ft.	10.00
210	2 ft.	10 ft.	11.00
37	3 ft.	7 ft.	9.50
38	3 ft.	8 ft.	10.00
39	3 ft.	9 ft.	11.00
310	3 ft.	10 ft.	11.50
48	4 ft.	8 ft.	11.00
49	4 ft.	9 ft.	11.50
410	4 ft.	10 ft.	12.50



Rose Trellis

GARDEN ARCH

Made with heavy iron, painted dark green. Size: 8 ft. high, 5 ft. wide, 3½ ft. deep. Price \$20.00.

Prices subject to change.

HARD WOOD BEAN POLES

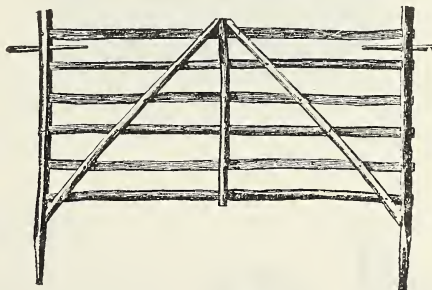


Made from wood, 8 feet long, pointed to drive in the ground; 1½ inches square and tapering to 1 inch at the top. Each 25c., doz. \$2.75.

TOMATO STAKES

Made with cypress, 1 inch square, 5 ft. long pointed at end. Doz. \$1.75; 100 \$13.00.

PORTABLE WOOD HURDLES



They are suitable for enclosing and dividing lots or plots to suit any requirements on a gentleman's country seat, or for farmers' use in general. Made with split chestnut. They measure 8 ft. 3 in. in length.

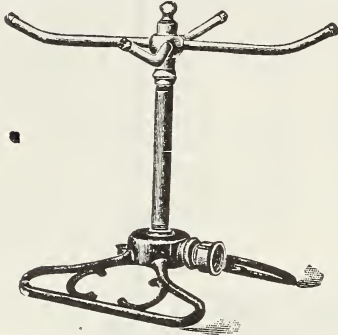
With 4 bars, suitable for horse and cows, per 100 \$150.00.

With 5 bars, suitable for sheep, per 100 \$160.00.
4-bar Hurdle Gate, 10 ft. long, each \$3.75.
5-bar Hurdle Gate, 10 ft. long, each \$4.00.



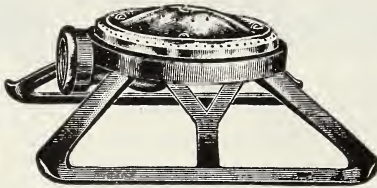
LAWN SPRINKLERS

CALIFORNIA SPRINKLER



This is the most popular Sprinkler on the market. It has four brass arms and is mounted on a sled, so that it can be easily dragged over the lawn without turning off the water. Price, \$2.75 each.

TUXEDO SPRINKLER



The Tuxedo Sprinkler has a brass top, as shown in the cut, firmly screwed down on to an iron sled, the base of which is $7\frac{1}{4}$ by $7\frac{1}{4}$ inches. It throws the water in a copious spray, well distributed. Price, \$1.25 each.

"WATER WITCH"

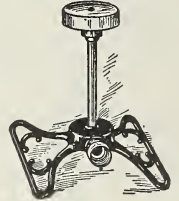
This Sprinkler works more satisfactorily with a low pressure of water than any other.

No. 3, with spur to stick in the ground, 75c. each; No. 4, with stand, \$1.25.



THE LAWN SHOWER SPRAYER

Will throw an even, gentle spray over 25 feet in diameter at a water pressure of about 40 pounds, the nozzle may be directly connected to hose for washing sidewalks. It makes an attractive fountain display. Holder and Nozzle complete. Price, \$3.00.



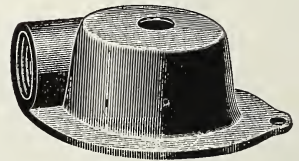
MARSHALL'S IMPROVED LAWN SPRINKLER

This is a revolving Sprinkler with four or eight arms, standing 48 inches high. It can also be supplied with a wire basket and ball, which is very effective when in use.

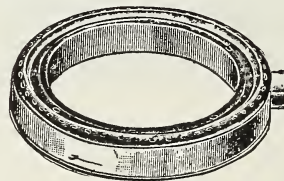
4 arm Sprinkler.....each, \$8.00
8 arm Sprinkler.....each, 10.00
4 arm Sprinkler with basket and ball.....each, 12.00
8 arm Sprinkler with basket and ball.....each, 13.00

"C. B. G." SPRINKLER

The C. B. G. Sprinkler is built on the principle of the tangential spray. Simple in construction and cannot get out of order. Each, 75c.



BRASS FOUNTAIN SPRINKLER



Very simple in construction.

Cannot rust or get out of order.

Will not injure the lawn. Requires only ordinary pressure of water.

Price, \$1.25 each.

THE DAYTON ROTARY SPRINKLER

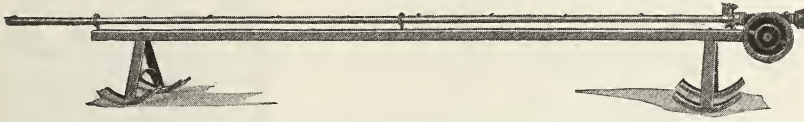
The Dayton Sprinkler is the most practical, durable and efficient sprinkler devised for watering lawns or gardens. It sprinkles in a circle from a 3-foot to a 40-foot radius, it operates with a 15-lb. up pressure of water and can be adjusted to any kind of a stream. All parts made with brass, aluminum and silver. Connections for $\frac{3}{4}$ -in. hose. Each \$6.00.

THE "SKINNER" LAWN MIST IRRIGATOR

This consists of a length of galvanized pipe in which are fitted, about every 3 feet apart, clusters of small spray nozzles for the distribution of the water.

Per 12-foot section, fitted to 4 sets of nozzles.....\$12.00
Per 18-foot section, fitted to 6 sets of nozzles..... 14.00

THE OSCILLATING LAWN AND GARDEN IRRIGATOR

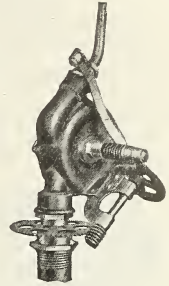


Five-foot Oscillating Sprinkler

The Oscillating Irrigator attached to garden hose with ordinary water pressure will automatically irrigate the entire surface with a fine, dense, rain-like spray 30 feet on either or both sides, covering a rectangular area 60 feet in width the entire length of the machine. Can be adjusted to water only one side with any length of stroke by the turning of two thumb screws. Gears inclosed and all corrodible parts made of brass.

The Oscillating Irrigator is strongly constructed; does not get out of order; will last for years.

Complete with $\frac{3}{4}$ -in. or 1-in. hose connection. 5-ft. sprinklers, \$14.00, 10-ft. \$22.00, 15-ft. \$33.00.



Turbo Irrigator Head

TURBO IRRIGATOR HEAD

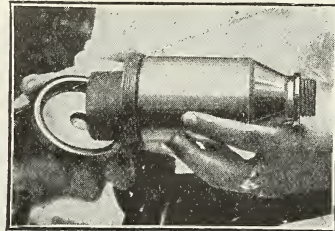
The Turbo will thoroughly and evenly distribute the water in a form like fine rain, without injury to the finest turf, over a circular area 85 to 100 feet in diameter. It oscillates and rotates, breaking up the spray in a most attractive and effective manner. From one position it will entirely water a putting green, eliminating the usual labor required to move the ordinary sprinklers. Made of brass, it will give unusual service. Minimum pressure required, 30 pounds.

Complete, with tripod collapsible stand and connection for $\frac{3}{4}$ -in. or 1-in. hose. Price, \$19.00. Turbo Irrigator Heads without stands, \$16.00 each. Return after ten days if not satisfactory.

FERTILIZE WHILE WATERING, OR DESTROY INSECTS BY THE KIRKE SYSTEM



Kirke Fertilizer Feeder



Kirke Feeder for inserting the cartridge

The Kirke Feeder applies the fertilizer while watering, and feeds the grass or garden with high-grade, immediately available, concentrated plant food. It is a neat device easily attached to any garden hose. It will last a lifetime, and can be used both for Kirke Fertilizer and Insecticide cartridges. The cartridges of Concentrated Fertilizer for the lawn and garden, and the Nicotine cartridges for the destruction of soft-bodied insects, dissolve in as much water as will pass through the ordinary garden hose in about five hours.

Kirke Feeder. For fertilizer and insecticide cartridges, nickel-plated, complete, each \$3.00.

Kirke Fertilizer Cartridges. For lawns, flowers and vegetables. Each 20c., doz. \$2.00.

Kirke Nicotine Insecticide Cartridges. For spraying soft-bodied insects. Each 40c., doz. \$4.00.

Kirke Arsenate of Lead Insecticide Cartridges. For spraying all leaf-eating insects. Each 60c., doz. \$6.50.

Kirke Bordeaux Fungicide Cartridges. For spraying fungus diseases. Each 25c., doz. \$2.50.

TARRED FELT DISCS. (Sterlingworth)

For protecting Cabbage and Cauliflower plants, when first set out, against root maggot. Made the right shape of special non-curling material and are free from imperfections in which the Maggot Fly might find a place to deposit eggs. Recommended by all the Agricultural Experiment Stations. 100 50c., 1000 \$3.00.



LAWN MOWER SHARPENING COMPOUND

This is a grinding paste used for sharpening lawn mowers. It is applied to the blades and by rotating them backwards and forwards on the bottom knife it sharpens them in a very few minutes without taking the machine apart. Full directions with each can. Can 60c.

THE "BIG CROP" SOIL TESTER

The "Big Crop" Soil Tester tells you whether or not any piece of land is in the proper condition to produce a "Big Crop." It tells in a few minutes and at the cost of two cents per field, how to insure the biggest results from lime and manure at the lowest cost. In detail will tell you:

Whether or not your soil needs lime and how much per acre.

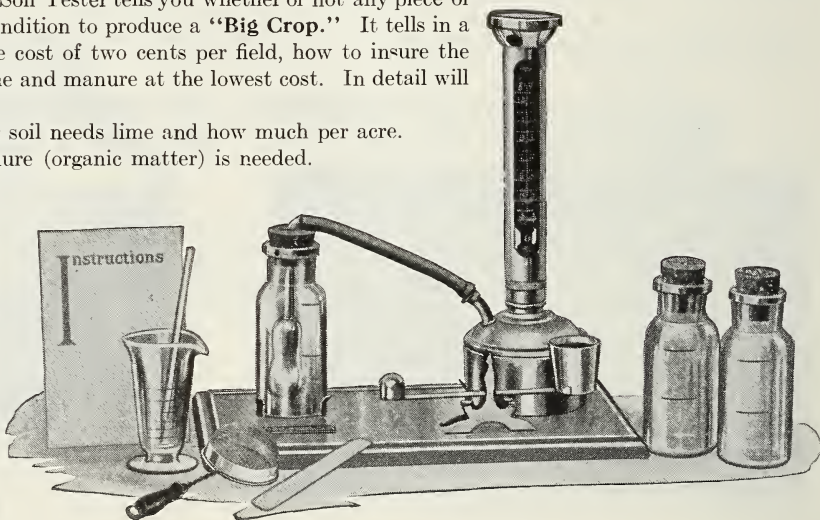
Whether or not manure (organic matter) is needed.

Whether or not your soil needs inoculation for Alfalfa, Clovers, Cow Peas, Soy Beans, Vetch and other legumes.

Where and where not green manuring will pay.

Which field of your farm are best adapted to Alfalfa, Clovers, Grain, Corn, Potatoes, Beets, etc.

▶ A test costs 2c. and takes 2 minutes to make. \$8.50 per outfit.



WEED KILLERS

KEY WEED KILLER. Destroys weeds in paths, roads and gutters. Dilute one part Weed Killer to forty parts water. Does not discolor cement or stone. Qt. 70c., gal. \$1.75, 5 gals. \$7.00. Steel drums of 12 to 15 gals. each. Per gal. \$1.20, 50 gal. \$47.50.



HERBICIDE WEED KILLER. A liquid preparation for the killing of weeds of every kind on roadways, paths, gutters, tennis courts. One gal. makes 20 gals. liquid. Gal. \$1.75, 5 gals. \$7.00, 10 gals. \$12.50, 25 gals. \$27.50.

STERLINGWORTH WEED KILLER.

For killing weeds in walks, drives and tennis courts where no vegetation is wanted. In powder form, to be dissolved in water. 1 lb. makes 15 gals., sufficient for 50 sq. yds. Lb. 50c., 5 lbs. \$2.00.

STERLINGWORTH LAWN COM-

POUND. Kills weeds in lawns without killing the grass, and makes the lawn green and velvety. 1 lb. will dress 100 to 200 sq. ft., depending upon the lawn's condition. 5-lb. cans 60c., 50-lb. kegs \$4.00, 100-lb. kegs \$7.50.



POULTRY SUPPLIES

CONKEY'S POULTRY REMEDIES

Bronchitis Remedy.....	60c.
Canker Special.....	60c.
Cholera Remedy.....	30c.
Gape Remedy.....	30c. and 60c.
Head Lice Ointment.....	30c.
Healing Salve.....	30c.
Healing Powder.....	30c.
Lice Fix.....	30c.
Lice Liquid. Qt. 60c., 2 qts. 90c., gal. \$1.50.	
Lice Powder. 30c. and 60c., 12 lbs. \$1.60.	
Lice Powder. Marshall's Matchless.....	30c.
Limber Neck Remedy.....	60c.
Noxicide Dip and Disinfectant. Pt. 50c., qt. 75c., 2 qts. \$1.25, gal. \$2.00.	
Poultry Laying Tonic. 1½ lb. 30c., 3¼ lb. 60c., 25 lbs. \$3.00.	
Poultry Worm Remedy.....	30c.
Roup Pills.....	30c. and 60c.
Roup Remedy. 30c., 50c., \$1.20.	
Saltem. For stock. 10 lbs. \$1.00, 100 lbs. \$7.00.	
Scaly Leg Remedy.....	30c.
Sorehead Remedy.....	30c.
Sulphur Candles. Each.....	10c.
White Diarrhoea Remedy.....	30c.



Made with celluloid in three sizes. 12 for 15c., 25 for 30c., 50 for 40c., 100 for 75c.



LEADER ADJUSTABLE LEG BANDS

Have a neat, compact and smooth fastening. Easily attached, secure and no catching points. Made in two sizes. 25 for 30c., 50 for 50c., 100 for 90c.

COLORED ADJUSTABLE LEG BANDS

Similar to the above only that the numbers are in distinct colors. 25 for 60c., 50 for \$1.00, 100 for \$1.75.

POULTRY SUNDRIES

Egg Preserver. Water Glass. One quart with water for 15 doz. eggs. Qt. 50c., gal. \$1.25.	
Egg Testers. Each 25c.	
Nest Eggs. Lime Eggs. Odorless, strong and durable. 3 for 10c., doz. 30c.	
Nest Eggs. Medicated. Each 5c., doz. 50c.	
Nest Eggs. Naphthaline. Each 5c., doz. 50c.	
Oat Sprouter. "The Economy." Has six galvanized trays. Each \$8.00.	
Poultry Punches. Moes Clip and Punch. Each 30c.	
Poultry Shears. Nickel plated, \$4.25.	
Thermometers. Brooder. Each 90c.	
Incubator. "Tycos." Each 90c.	

POULTRY FOODS

Alfalfa Meal. 5 lbs. 35c., 10 lbs. 60c., 100 lbs. \$5.00.	
Beef or Meat Scraps. Swifts. 5 lbs. 50c., 10 lbs. 90c., 100 lbs. \$7.00.	
Bone Granulated. Coarse or fine. 5 lbs. 45c., 10 lbs. 80c., 100 lbs. \$7.00.	
Charcoal. Granulated. 5 lbs. 30c., 10 lbs. 60c., 100 lbs. \$4.50.	
Conkey's Buttermilk Starting Food. 5 lbs. 50c., 25 lbs. \$2.00, 50 lbs. \$4.00, 100 lbs. \$7.50.	
Chick Food. 5 lbs. 35c., 10 lbs. 65c.	
Dry Mash Feed. 5 lbs. 35c., 10 lbs. 70c., 100 lbs. \$6.00.	
Scratch Food. 5 lbs. 35c., 10 lbs. 65c., 50 lbs. \$3.25, 100 lbs. \$6.00.	
Mico-Spar Grit. 5 lbs. 15c., 10 lbs. 20c., 50 lbs. 70c., 100 lbs. \$1.25.	
Oyster Shell. 10 lbs. 25c., 50 lbs. 90c., 100 lbs. \$1.60.	

Prices are subject to market changes.

FARMERS CAPONIZING SETS

Complete with full instructions for any one to use. \$4.00.



CORNELL CAPONIZING SET

This set is made under instructions from the Department of Poultry Husbandry of Cornell University. Price \$6.00.

POULTRY KILLING KNIVES



Made with finely tempered steel, with nickel handle. Each 65c.

GAPE WORM EXTRACTOR



Full directions with each instrument. Each 30c.

ATKINSON'S SANITARY ABSORBENT



For Poultry Dropping Boards. Kills all hen-house disease germs, and absorbs all odors, keeping the boards sweet and clean. A concentrated product. Must be mixed with equal weight of fine sifted coal ashes. 100-lb. sack makes 200 lbs.

Price, 25-lb. bag \$1.25; 100-lb. bag \$4.50, F. O. B. Bogota, N. J.

RAT CORN

A safe and sure exterminator of rats and mice. This is not a poison and can be used without fear



when other animals are around. No smell from the dead rats is detected, as the bodies dry up after death. Sizes, 25c., 50c. and \$1.00.

POULTRY FOUNTAINS AND FEEDERS



GRIT AND SHELL BOXES

This box is made of heavy galvanized iron with three compartments for grit, shells and charcoal. It is provided with lid and cover, which protects the contents and may be suspended to the wall of poultry house by the handle. Each \$1.00. Large size \$1.25.

ACME DROP BOTTOM FOUNTAIN

A distinct improvement over the one-piece fountain. The bottom is hinged to open and can be easily cleaned.

2 quart size \$1.00.
4 quart size \$1.15.
8 quart size \$1.35.



MOE'S STAR JAR FOUNTAIN AND FEEDER



Will fit pint or quart Mason Jars. Can be used for feed or water. Each 15c., doz. \$1.50.



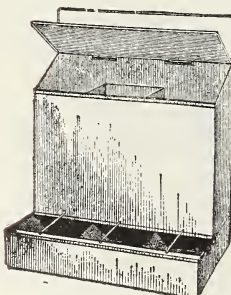
PEERLESS COMBINATION HEATER FOUNTAIN

This fountain is intended for Winter use. It consists of a 5-quart fountain and a Peerless Heater to prevent the water from freezing. The lamp holds 1 pint of kerosene and will burn one week day times. Easy to care for and costs little to run. Each \$2.75.



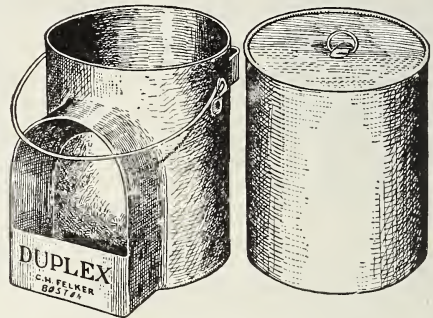
PEERLESS HEATER

Fits all founts. Each \$1.75.



SHELL GRIT AND CHARCOAL FEEDER

This hopper can be used as a one, two or three compartment feeder. Strongly built of galvanized iron. Each \$1.15.

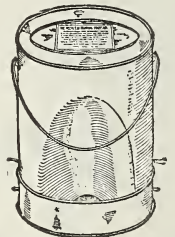


DUPLEX FOUNTAIN

The latest and most practical sanitary fountain on the market. This is a double fount and keeps the water clean and pure. Easy to fill and care for. Each, 4-qt. \$1.25, 8-qt. \$1.60.

PEERLESS DRINKING FOUNTAIN

The water is always pure. Easy to clean and fill. Simple in construction, durable and practical. Heavy galvanized material. Each, 5-qt. \$1.00.



MOE'S ROUND BABY CHICK FEEDER

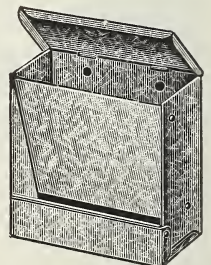


A great food saver, as the little chicks cannot get into it. No. 11 Small size. Each 20c. No. 12 Large size. Each 35c.



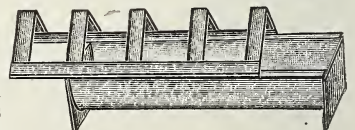
KENTUCO CHICK FEEDER

This feeder is designed so that the feed will run out easily and keep just enough before the chicks without clogging or letting them throw it out and waste it. Size 5 in. long by 6 in. high. Each 45c.



KENTUCO FEED TROUGHS

The galvanized iron grid on these troughs is made to slide on and off without disturbing the contents. No. 61. 10 inches long. Each 35c. No. 62. 20 inches long. Each 65c.



CUPS FOR COOPS

Made to hang inside exhibition coops or cages. Small size, 1/2 pt. 25c., large size, 1 qt. 55c.

EXERCISER AND FEEDER ATTACHMENT

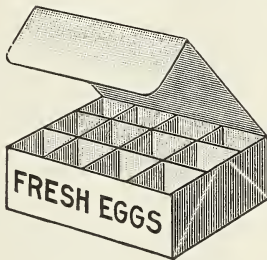
This can be attached to any can or box and will make the best regulator to hang and scatter the feed in the litter. Each 60c.

**EGG BOXES****SELF-LOCKING EGG BOXES**

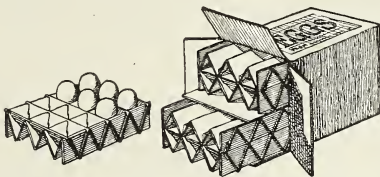
Made with best quality card board. Ventilated and self locking. 25 for 60c., 100 for \$2.00, 1000 for \$17.00.

**FOLDING PAPER EGG BOXES**

Convenient for carrying a dozen eggs to local customers. Doz. 20c., 50 for 60c., 100 \$1.10, 1000 \$10.00.

**EGG CASE FILLERS**

Full cushion fillers for cases of eggs. Regulation 2x6 style. 50 for \$1.00, 100 \$1.50.

**SURETY CUSHION EGG BOX For Parcels Post.**

A simple and safe box for delivery of eggs by Parcels Post. They have the same fillers as used in the Surety Cushion Egg Cases. Doz. size, each 20c., doz. \$1.75, 100 \$13.00; 2 doz. size, each 30c., doz. \$3.00, 100 \$22.00; extra filler sets, each 10c., doz. \$1.00, 100 \$5.00.

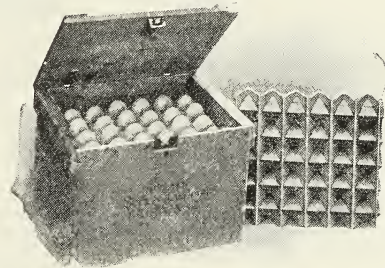
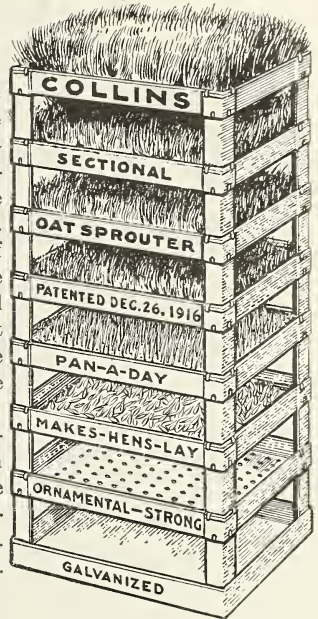
SURETY CUSHION HATCHING

Made for shipping hatching eggs safely. 15-egg size, each 20c., doz. \$2.00; 30-egg size, each 40c., doz. \$3.75.

COLLINS OAT SPROUTER

The Collins Oat Sprouter is made in units, eight separate pans of galvanized steel. The pans are 11x15 in. and fit on top of each other. The pans are perforated to furnish the right drainage to insure sprouting of all the fertile grain.

Place beside furnace or in warm room and you have a continuous supply of green feed. With eight pans. Each \$4.00.

**SURETY CUSHION WOODEN EGG CRATES**

Easier and quicker to pack than ordinary egg crates. The trays are inverted one above the other which hold the eggs from coming in contact with each other. Two doz. size, each \$1.50; 4 doz. size \$2.00; 6 doz. size \$2.50; 8 doz. size, \$2.75; 10 doz. size \$3.20.

Extra filler sets, doz. \$1.50.

"SPRATT'S" MEAT "FIBRINE" Vegetable Dog Cakes.

The standard dog food. Used at the leading kennels and dog shows throughout the world. A staple and constant food for all breeds of dogs.

Prices: Per lb. 20c., 10 lbs. \$1.45, 100 lbs. \$13.00.

"SPRATT'S" PUPPY BISCUITS

A perfect and whole food for puppies of all breeds. Puppies should be started on these biscuits when about one month old and they should be continued until such time as their teeth become sound and strong, usually when they are about six months old.

Prices: Per lb. 20c., 10 lbs. \$1.60, 100 lbs. \$14.00.



INSECTICIDES



APHIS PUNK. A soft paper saturated with nicotine, rolled and dried. When lighted it burns slowly.

For "smoking" conservatories, etc. Box of 12 rolls, 75c., case of 12 boxes \$8.50.

APHINE. Has no equal for the destruction of green, black or white fly, thrips, red spider, mealy bug, caterpillars, scale, and other insects and blights. Use one part to forty parts of water. $\frac{1}{4}$ pt. 25c., $\frac{1}{2}$ pt. 40c., 1 pt. 65c., qt. \$1.00, gal. \$3.00.

ANT DESTROYER. A non-poisonous powder. Will destroy or drive away black ants. Box 15c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.

ARSENATE OF LEAD. Paste.

Key Brand. For caterpillars, chewing insects, fruit flies and codling moth. Contains 15 $\frac{1}{2}$ per cent. Arsenic Oxide. Mixes easily in water and will not burn foliage. Dilute 1 lb. to 20 gals. water. Lb. 45c., 5 lbs. \$2.00, 10 lbs. \$3.50, 25 lbs. \$6.50, 50 lbs. \$12.50, 100 lbs. \$24.00.



ARSENATE OF LEAD. Powdered. Key Brand.

Better than Paris Green and does not burn foliage. Can be used either wet or dry for dusting. With water use 1 lb. to 15 or 25 gals. Lb. 75c., 5 lbs. \$3.25, 10 lbs. \$5.50, 25 lbs. \$12.50.

ARSITE. A liquid poison for potato bugs. Most concentrated poison made. $\frac{1}{2}$ pt. makes 50 gals. So adhesive that rains will not wash it off, thereby saving time and material. Must be used with Bordeaux Mixture or water to which some freshly slaked lime has been first added. Very economical. $\frac{1}{2}$ pt. 45c., pt. 75c.

BORER OIL. Useful for flat and round head Borers in Peach and other trees. Pt. 30c.



BORDO-LEAD. Paste. Key Brand. Insecticide and fungicide. Two sprays in one. A mixture of Arsenate of Lead and Bordeaux Mixture. Splendid for Potatoes, Apples, Pears and vegetables. 1 lb. makes 3 $\frac{1}{2}$ gallons ready to apply. Lb. 45c., 5 lbs. \$2.00, 10 lbs. \$3.50, 25 lbs. \$6.50, 50 lbs. \$12.00, 100 lbs. \$22.00.

BORDEAUX MIXTURE. Paste. Key Brand.

For blight, mildew, rust and fungus diseases. 1 lb. to 3 gals. of water. Lb. 40c., 5 lbs. \$1.75, 10 lbs. \$3.00, 25 lbs. \$6.00, 50 lbs. \$11.00.

BORDEAUX MIXTURE. Powder. Key Brand.

Used same as Bordeaux Mixture, also for dusting dry. For spraying use 1 lb. to 8 gals. water. Lb. 55c., 5 lbs. \$2.50, 25 lbs. \$8.00.

BOROWAX. A complete protection against borers if properly applied to Peach, Plum, Apple, Pear and Quince trees. Qt. 50c., gal. \$1.25, 6 gals. \$6.50.

BUG DEATH. Is extensively used for cabbage and tomato worms, potato and cucumber bugs. Lb. 25c., 3 lbs. 70c., 5 lbs. 90c., 12 $\frac{1}{2}$ lbs. \$1.75.

CATTLE COMFORT. Protects cattle, dogs, etc., from flies and other insects. Gal. \$2.25.

CARBOLA. A disinfecting germ-killing white paint. Used instead of whitewash for stables, chicken coops, dairies, cellars, etc. 10 lbs. make 10 gals. Pkge. 25c., 10 lbs. \$1.10, 50 lbs. \$4.50.

COPPER SOLUTION. For mildew, Pear and Apple scab, rust on Carnations and Violets. Gal. \$3.25.

CUT WORM KILLER (Sterlingworth). This is a coarse powder for sprinkling near the plants to be protected. It is harmless to birds or chickens. One pound is sufficient for 175 plants or 100 feet of drill. Lb. 35c., 5 lbs. \$1.50, 25 lbs. \$5.00.

FLY KNOCKER. Protects all animals from flies. Qt. 75c., $\frac{1}{2}$ gal. \$1.25, gal. \$2.00.

FORMALDEHYDE. A useful fungicide for potato scab, rosette in Lettuce, Onion smut and fungus in soil. For Potatoes use 1 lb. to 30 gals. of water and soak the tubers about 1 $\frac{1}{2}$ hours before planting. Lb. bottle 60c.

FUNGINE. An infallible remedy for mildew and other fungus diseases. Pt. 65c., qt. \$1.00, gal. \$3.00.

GISHURST COMPOUND. An English preparation for green fly, scale, mealy bug, red spider, etc. 1-lb. box 60c.

GRAPE DUST. For prevention of mildew on Roses, Grapes, Gooseberries, etc. 5-lb. pkg. 85c., 10-lbs. \$1.65, 100-lb. keg \$16.00.

HELLEBORE POWDER. For rose slugs, currant worms, etc. Dust on with gun or bellows while the foliage is moist. $\frac{1}{4}$ lb. 20c., $\frac{1}{2}$ lb. 40c., lb. 75c., 5 lbs. \$3.50.

IMP SPRAY SOAP. Effective against green fly, aphid, red spider and thrips. Mix with 12 parts of water for spraying. Gal. \$2.75.

KEY-CIDE POWDER. A combined Insecticide and Fungicide. Kills bugs and prevents blight, rot, mildew and fungus. Can be used for wet spraying or dusting for fruits, vegetables and flowers. 1 lb. makes 7 gals. liquid. $\frac{1}{2}$ lb. 35c., lb. 65c., 5 lbs. \$3.00, 10 lbs. \$5.50.



KEROSENE MISCIBLE OIL. Key Brand. Better than Kerosene Emulsion. Mixes easier, has greater killing power and is valuable against all soft-bodied insects. Contains 80 per cent. Kerosene. Dilute 1 part of oil to 16 parts of water. For tender plants 1 part to 30 parts water. Qt. 75c., gal. \$1.75, 5 gals. \$8.50, 50 gals. \$50.00.



INSECTICIDES—Continued

LEMON OIL. For destroying mealy bugs, scale, thrips, red spider, etc. $\frac{1}{2}$ pt. 30c., pt. 50c., qt. 90c., $\frac{1}{2}$ gal. \$1.75, gal. \$3.00.

LIME SULPHUR. Dry. Used for all scale insects as a dormant spray. Has all the effectiveness of Liquid Lime Sulphur, and is much easier to handle. 1 lb. makes from 4 to 10 gallons. Lb. 40c., 5 lbs. \$1.50, 10 lbs. \$2.75, 25 lbs. \$5.25.



NICO-FUME LIQUID. For spraying or fumigating. Does not stain or injure the blooms. Lb. \$2.00, 4 lbs. \$7.50, 8 lbs. \$14.50.

NICO-FUME PAPER. Extra strong tobacco paper for burning. 24 sheets \$1.25, 144 sheets \$5.00, 288 sheets \$9.50.

NOCOTINE SULPHATE, "Black Leaf 40." For aphids, thrips, etc., 1 oz. bottle 25c., 2 lbs. \$3.25.

NIKOTEEN. 30 per cent. strength. A thorough exterminator of mealy bug, thrips, lice and all insects affecting plant life. $\frac{1}{4}$ oz. 60c., lb. \$2.25, 8-lb. tins \$14.00.

PARIS GREEN. For potato bugs, etc. $\frac{1}{4}$ lb. 20c., $\frac{1}{2}$ lb. 40c., lb. 75c., 5 lbs. \$3.50.

PYROX, Bowker's. Kills all leaf-eating insects, and prevents blights and fungous troubles, without injury to fruit or foliage. Sticks like paint and rain don't wash it off. 5 lbs. \$2.00, 10 lbs. \$3.50, 25 lbs. \$6.50, 100 lbs. \$22.00.

READEANA (Rose Bug Exterminator). Destroys Rose bugs, black ants, etc., without injury to plants. Mix one part with three parts of water and apply with brush or sprayer. Can 50c., qt. \$1.35, gal. \$4.00, 5 gals. \$17.50.

SCALE DESTROYER, TARGET (Soluble Oil). Dormant spray for San Jose, and Oyster Shell Scale. Most effective for Leaf Roller. Spray for tree infesting scale and most soft-bodied sucking insects. No disagreeable odor, no clogging of nozzle, or burning of the eyes like Lime Sulphur. May be used in Spring or Fall. Mixes easily, has no sediment, spreads and creeps into crevices of rough bark. Dilute one gallon to 20 gallons water, ready to apply. Qt. 65c., gal. \$1.65, 5 gals. \$6.50, 30 gals. \$27.00, 50 gals. \$41.00.



SCALECIDE. For San Jose scale and spraying all kinds of trees. 1-gal. can \$1.65, 5 gals. \$6.50, 10 gals. \$12.00, 30 gals. \$27.00, 50 gals. \$43.00.

SLUG SHOT. Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds. 1-lb. cartons 20c., 5-lb. pkg. 50c., 10 lbs. \$1.00, keg of 125 lbs. \$12.00.

SULPHUR, Powdered. A staple preventive for mildew on Grapes, Roses, etc. Lb. 10c., 10 lbs. 75c., 25 lbs. and over, 7c. per lb.

TREE TANGLEFOOT. A sticky substance applied directly to the bark to protect trees against climbing insect pests. One application remains sticky, fully exposed to weather, three months. 1 lb. will make a band 7 to 8 ft. long. Lb. can 50c., 3 lbs. \$1.45, 10 lbs. \$4.50, 20 lbs. \$8.75.

TREE WOUND PAINT, Key Brand. Prevents decay. A penetrating, antiseptic paint that is not affected by heat, cold or moisture. Does not peel, crack or get brittle. Stops trees bleeding and prevents decay. Qt. \$1.25, gal. \$3.00.



TOBACCO DUST. Destroys Rose lice, Cabbage and Turnip fleas, etc. Lb. 10c., 5 lbs. 40c., 10 lbs. 70c., 100 lbs. \$5.00.

TOBACCO DUST FOR FUMIGATING. Used for burning in place of stems. 10 lbs. 75c., 50 lbs. \$2.75, 100 lbs. \$5.00.

TOBACCO STEMS FOR FUMIGATING. Clean and free from rubbish. In bales of 100 lbs. \$2.75, 250 lbs. \$6.25.

VERMINE. For all soil vermin, such as cut, eel, or wire worms, slugs, root lice and ants. $\frac{1}{2}$ pt. 40c., pt. 65c., qt. \$1.00, gal. \$3.00.

WHALE OIL SOAP WITH TOBACCO. Kills lice and sucking insects on trees, shrubs, plants, vines and Roses. Lb. 30c., 5 lbs. \$1.40, 25 lbs. \$6.75.

WHITE FLY LIQUID. An insecticide for spraying. Will destroy white fly on Pelargoniums, Fuchsias and other plants without injury to the leaves. Lb. cans \$2.75.

WORM ERADICATOR. Rhead's Electric. For destroying worms in lawns, pots, etc. One gal. makes 150 gals. solution. 8-oz. bottles 50c., gal. \$4.00, 5 gals. \$17.50.

X. L. ALL LIQUID INSECTICIDE. For spraying. Harmless to very delicate plants; kills all insect pests. Qt. \$1.75, gal. \$6.00.

X. L. ALL VAPORIZING COMPOUND. The most effectual method of fumigating greenhouses. Bottle sufficient for 10,000 cu. ft., No. 3, \$3.50; bottle sufficient for 20,000 cu. ft., No. 2, \$6.00. Fumigators for above, \$2.25 each.

ZENOLEUM. A valuable disinfectant and destroyer of insects in chicken houses, stables, etc. $\frac{1}{2}$ lb. tin 25c., qt. 60c., gal. \$1.75, 5 gals. \$7.50.

FERTILIZERS

BONE MEAL. Pure Bone Dust

This bone meal is made from the best quality of bone and finely pulverized. Valuable for top dressing Lawns, Roses, Flowers and Vegetables. Apply about 1000 lbs. per acre or 5 lbs. to 100 sq. ft. 5 lbs. 35c., 10 lbs. 60c., 50 lbs. \$2.50, 100 lbs. \$4.00, 200 lbs. \$7.50, ton, \$70.00.

BONE, CRUSHED

A coarse or medium grade, well adapted for Grapevine, Rose borders. 100 lbs. \$7.00, ton \$120.00.

BLOOD AND BONE

It is of value for garden crops, fruit trees, Grape vines, etc. For garden crops, drill in 300 to 500 lbs. per acre. 100 lbs. \$6.00, 200 lbs. \$11.00, ton \$100.00.

BONARBOR

This plant food has a wonderful effect on plant life. It is good for flowering plants of all kinds, vegetables, fruits and shade trees, lawn, etc. $\frac{1}{2}$ lb. pkg. 30c., 1 lb. pkg. 55c., 5 lb. pkg. \$2.50.

CLAY'S FERTILIZER

Bags of 56 and 112 lbs. Price on application.

COW MANURE

In carload lots, only, f. o. b. Bushwick, L. I.

DRIED BLOOD

For top dressing, mixing with the soil and applying in liquid form, it is one of the best and safest nitrogenous fertilizers. 100 lbs. \$10.00.

CHARCOAL

Useful for sweetening sour soils or mixing with potting soil. Coarse or fine. 100 lbs. \$4.25. Very coarse, per bag, \$2.00.

HUMUS, Atkinson's Prepared

Specially prepared for fertilizing potted plants, lawns, vegetable or flower gardens. It is odorless and retains the moisture in the soil and contains $1\frac{1}{2}$ to 2 per cent. nitrogen. 5 lbs. 50c., 25-lb. bag \$1.75, 50-lb. bag \$2.75, 100-lb. bag \$4.25, 200 lbs. \$7.50.

HUMUS

Valuable for all garden purposes, including lawn and greenhouse plants. 100-lb. bag \$1.75, ton \$18.00, f. o. b. Lafayette, N. J.

LAND PLASTER

Useful for composting or mixing with manure or on sour soils. 100 lbs. \$2.25, ton \$35.00.

LAWN ENRICHER

N. A. C. brand for top dressing lawns. 5 lbs. 75c., 50 lbs. \$3.75, 100 lbs. \$6.00.

LIME, AGRICULTURAL

Useful for Lawns, Vegetables, sour land and alfalfa. 100 lbs. \$1.25, ton \$16.00. Shipments by freight only.

LIME, HYDRATED

For correcting acids in soils use 8 lbs. for 30 sq. ft. of ground. 5 lbs. 20c., 10 lbs. 35c.

LIMESTONE, GROUND

A very finely screened ground Limestone. Useful for sour soils and to correct improper conditions of the soil. Ton \$6.00, f. o. b. factory, bags extra.

NITRO-FERTILE

An odorless liquid fertilizer for potted Plants, Lawns, Flowers and Vegetable Gardens. It is a scientific combination in liquid form of Nitrogen, Phosphoric Acid and Potash. Use mixed with water, one gallon of Nitro-Fertile to 125 to 200 gallons. $\frac{1}{2}$ pint 35c., qt. \$1.00, gal. \$3.00, 5 gals. \$14.00, 25 gals. \$60.00.

NITRACO

A universal fertilizer for gardens, greenhouse plants and vegetables. Analysis. Ammonia 4 per cent.; Phos. Acid 8 per cent.; Potash 2 per cent. 1 lb. 25c., 5 lbs. 75c., 25 lbs. \$2.50, 50 lbs. \$4.50, 100 lbs. \$7.00.

NITRATE OF SODA

It is valuable for grain, Corn, Beets, Potatoes Grasses, Peas, Beans, Clover, etc. Being extremely soluble, it should not be applied until the plants are above ground. 1 lb. 20c., 5 lbs. 75c., 10 lbs. \$1.25, 50 lbs. \$5.00, 100 lbs. \$9.00.

PULVERIZED SHEEP MANURE

A rich, pure and natural manure. Excellent as a top dressing for lawns, and mixing with the soil for greenhouse plants—one part manure and six parts soil. 5 lb. pkg. 35c., 10 lbs. 60c., 50 lbs. \$1.75, 100 lbs. \$3.00, ton \$55.00.

SALT, AGRICULTURAL

Used for top dressing Asparagus beds, etc. 100 lbs. \$2.00, 200 lbs. \$3.75.

STABLE MANURE

Fresh or rotted stable manure in carload lots only. Prices on application f. o. b. Bushwick Junction, L. I., or Jersey City, N. J.

SOOT, IMPORTED SCOTCH

A fertilizer for stimulating growth and giving a rich, dark foliage; also an excellent remedy against slugs, grubs and cutworms. Bag of 100 lbs. \$5.00.

THOMPSON'S CHRYSANTHEMUM MANURE

A special top dressing of unusual merit. 28 lbs. \$4.50, 56 lbs. \$8.00, 112 lbs. \$15.50.

THOMPSON'S VINE AND PLANT MANURE

A well-known English fertilizer. 56 lbs. \$5.00, 12 lbs. \$9.00.

WOOD ASHES, UNLEACHED

For lawns, gardens and fruits, Hardwood ashes are unequaled. 100 lbs. \$2.00, ton \$25.00.

BOWKER'S FERTILIZERS

For the Land's Sake Use Bowker's Fertilizers

BOWKER'S COMPLETE MANURE

A well-known brand with 5 per cent. Ammonia and 4 per cent. Potash. Used for Potatoes and root crops. Ammonia 5 per cent.; available Phos. Acid, 8 per cent.; Potash, 4 per cent. 200 lbs. \$9.00, ton \$88.00.

HILL AND DRILL PHOSPHATE

This is made for using in hills and drills and sowing broadcast for farm and truck crops. Ammonia, 3 per cent.; available Phos. Acid, 9 per cent.; Potash, 1 per cent. 100 lbs. \$3.75, 200 lbs. \$7.00, ton \$65.00.

POTATO SPECIAL MANURE

An excellent manure for Potatoes or other root crops, where quick, strong growth is essential. Ammonia, 4 per cent.; available Phos. Acid, 8 per cent.; Potash, 4 per cent. 100 lbs. \$4.50, 200 lbs. \$8.25, ton \$78.00.

All the above fertilizers are offered f. o. b. factory at Carteret, N. J. Prices are subject to change without notice.

GENERAL CROP MANURE

For Potatoes and general farm and garden crops. Ammonia, 4 per cent.; available Phos. Acid, 9 per cent.; Potash, 4 per cent. 100-lb. bag \$4.50, 200 lbs. \$8.00, ton \$70.00.

MARKET GARDEN MANURE

A general fertilizer for farm and garden. Ammonia, 4 per cent.; available Phos. Acid, 4 per cent.; Potash, 4 per cent. 100 lbs. \$4.75, 200 lbs. \$8.50, ton \$80.00.

SOLUBLE PHOSPHATE

For farm crops; 14 per cent. available Phos. Acid. 200 lbs. \$3.50, ton \$30.00.

SUPERPHOSPHATE WITH AMMONIA

A useful fertilizer for farm and garden crops. Ammonia, 4 per cent.; available Phos. Acid, 10 per cent. 200 lbs. \$7.50, ton \$70.00.

**Inoculate Your Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches
and all other legume crops with**

Mulford Cultures

FOR LEGUMES

Small Cost

Large Returns

Easy to Use

No Labor Expense



Uninoculated ALFALFA Inoculated
Photographed on same scale. Plant on left
not inoculated—Plant on right inoculated with
Mulford Culture for Alfalfa. All other
conditions identical.

Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria for inoculating seeds of legumes or soil.

Mulford Cultures are "different," and should not be confused with other brands.

Legumes offer the best known means of maintaining soil fertility and rejuvenating over-cropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

The U. S. Dept. of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt "catch" and increase your yield.

Mulford Cultures are prepared for:

Alfalfa	Red Clover	Soy Beans	Sweet Peas
(Lucerne)	Alsike Clover	Peanuts	Garden Peas
Crimson Clover	Burr Clover	Vetch	Garden Beans
Sweet Clover	Cow Peas	Velvet Beans	Lima Beans

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume. Prices: 5-acre size, \$5.00 (A dollar per acre); 1-acre size, \$1.50; ¼-acre size, 50c. Small size (supplied only in 4 varieties, for garden Peas, garden Beans, Lima Beans and Sweet Peas), 25c.

Free, descriptive Folder sent Upon Request

INDEX

	Page		Page		Page
Agapanthus	55	Gloxinias	60	Pulverizer	75
Amaryllis	3-55	Glass Cleaner	73	Pumps, Spray	82, 83, 84
Antirrhinum	53	Grasses	26-29	Rape	24
Aquatic Plants	54	Greenhouse Plants	53	Raspberries	4
Arches	85	Grindstones	81	Rat Corn	89
Bamboo Canes	62	Harrows	71	Refuse Burner	70
Barley	23	Herbs	22	Rollers	79
Baskets	62-80	Horse Boots	64, 78	Roses	4
Bean Poles	85	Hoe Rake	81	Rose Trellis	85
Bedding Plants	53	Hose, Garden	64, 81	Rustic Work	69
Begonias	53-55	Hotbed Sash	66	Rye	24
Bird Houses	69	Humus	94	Sanitary Absorbent	89
Bird Seeds	22	Hurdles	85	Sash, Hotbed	66
Bone Mills	72	Hyacinths	60	Saucers	62, 63, 71
Books	61	Insecticides	87, 92	Seeders	27, 71, 75
Boots, Rubber	66	Ismene	60	Shading, Greenhouse	73
Boxes, Flower	62	Kirke System	87	Shears, Pruning	67
Broom Corn	23	Labels	65, 81	Soap Sprayers	71
Buckwheat	23	Lawn Grass	28, 29	Sod Tampers	79
Bulbs	55-60	Lawn Compound	88	Soil Tester	88
Cannas	56	Lawn Mowers	76, 77, 78	Sorghum	25
Caladiums	55	Lawn Rollers	79	Sudan Grass	25
Callas	55	Lawn Seeders	27, 71	Spray Pumps	82, 83, 84
Canes	62	Lawn Sweeper	79	Spot Marker	75
Carnations	4, 53	Lawn Sprinklers	87	Sprinklers	86, 87
Carnation Supports	62-70	Lawn Trimmer	78	Stakes, Plant	65, 85
Carts, Leaf	70, 73	Lily Bulbs	4, 60	Strawberries	96
Celery Bleachers	70	Lily of the Valley	4	Summer Cloud	73
Cinnamon Vines	55	Madeira Vine	60	Sweeper, Lawn	79
Chrysanthemums	52	Millet	24	Sweet Peas	50, 51
Clovers	25	Montbretias	60	Tarred Felt Discs	88
Corn, Field	23	Mills, Grinding	72	Thermometers	67
Corn Planter	72	Mulford Cultures	95	Tomato Stakes	85
Cow Peas	24	Novelties	1-4	Tomato Supports	85
Crimum	55	Oat Sprouter	91	Trellis	85
Cultivators	72, 74, 75	Oats	24	Truck and Barrel	70
Dahlias	3, 56	Oxalis	60	Tubs, Plant	73
Daylight Glass Cleaner	73	Palms	54	Tuberose	60
Decorative Plants	54	Peas, Field	24	Vegetable Plants	22
Dog Biscuits	91	Planet, Jr., Tools	74, 75, 77	Vegetable Seeds	5-23
Egg Boxes	91	Plant Protectors	80	Vetches	25
Egg Cases	91	Plant Supports	75	Violets	53
Farm Seeds	24-26	Plows	71, 74	Watering Pots	68
Ferns	54	Potatoes	17	Weed Killers	88
Fertilizers	87, 93	Post Hole Digger	72	Weeders	68, 72
Flower Pots	62, 63	Powder Duster	84	Wheelbarrows	68
Flower Seeds	30-51	Poultry Feeder	91	Wheelbarrow Racks	73
Fumigating Materials	92, 93	Poultry Founts	91	Wheat	25
Gladiolus	58, 59	Poultry Supplies	89, 90	Window Boxes	72

STRAWBERRY PLANTS

Bederwood. Early. One of the best early red varieties.
Brandywine. Mid-season to late. Large, firm and solid, fine quality.
Campbell's Early. Uniform in size, robust grower and prolific.
Early Jersey Giant. Berries very large, scarlet crimson.
Early Ozark. A very early sweet variety.
Gandy. Late. The standard late sort, compact grower.
Glen Mary. Mid-season. A superb large sized variety.
Late Jersey Giant. A very large late sort.
Marshall. Mid-season. One of the richest flavored berries grown.
Sample. Late. A very large round berry, dark crimson.
Sharpless. Mid-season. One of the best for table use.
Wm. Belt. Mid-season to late. Fine flavored, long season in bearing.

Layer Plants of any of the above: 25 for 60c., 100 \$1.75, 1000 \$12.00.

EVERBEARING STRAWBERRIES

Peerless. A new variety; vigorous grower and very productive.
Progressive. Strong grower, berries round, deep crimson.
Superb. A healthy grower, yield fruit on the parent plant, blood red.

Layer Plants of any of the above: 25 for \$1.25, 100 \$3.00, 1000 \$25.00.

MARSHALL'S PLANTING TABLE

Vegetable Seeds for Planting in Hotbeds in March

BEANS	CAULIFLOWER	KOHLRABI	PARSLEY
BEETS	CELERY	LEEK	PEPPER
EARLY CABBAGE	EGG PLANT	LETTUCE	RADISH
EARLY CARROT	ENDIVE	ONION	TOMATO

Seed Sowing and Planting Table for Vegetables for Home Gardeners in Vicinity and New York

Variety of Vegetable	Time to Sow Open Ground	No. of Days required to Germinate	Time Required for Maturity from Date Sown	Distance Planting		Amount of Seed etc., Required	Depth of Plant
				Apart in row	Rows Apart		
ARTICHOKE, Globe....	May.....	.....	.....	2-3 ft....	2-3 ft....	½ oz. for 100 ft. row	1-2 in.
ARTICHOKE, Jerusalem.	April.....	.....	.....	1-2 ft....	2-3 ft....	Peck for 100 ft. row	3 in.
ASPARAGUS, Seeds....	April & May	20 to 28	3 to 4 years	.....	.....	2 oz. for 100 ft. row	1-2 in.
ASPARAGUS, Roots....	April.....	.....	.....	1 ft.....	2 ft.....	100 for 100 ft. row...	3-5 in.
BEANS, Dwarf.....	May to Aug.	6 to 10	45 to 75 days	3 in.....	2 ft.....	1 qt. for 150 ft. row	½-2 in.
Pole and Lima...	May to June	6 to 10	65 to 100 "	3 ft.....	4 ft.....	1 qt. for 100 hills...	1-2 in.
BEETS.....	April to Aug.	7 to 10	60 to 75 "	4 in.....	1 ft.....	½ oz. for 100 ft. row	1-2 in.
BORECOLE (Kale)....	.....	.....	.....	.....	.....	.....	.....
For Spring use....	Aug. & Sept.	6 to 10	85 to 120 "	2 ft.....	2½ ft....	½ oz. for 100 ft. row	½ in.
For Fall use....	June.....	6 to 10	85 to 120 "	2 ft.....	2½ ft....	½ oz. for 100 ft. row	½ in.
BRUSSELS SPROUTS...	April to July	6 to 10	100 to 120 "	1½ ft....	2½ ft....	½ oz. for 100 ft. row	½ in.
CABBAGE, Early.....	April.....	6 to 10	100 to 125 "	1½ ft....	2 ft.....	½ oz. for 100 ft. row	½ in.
Late.....	May & June	6 to 10	120 to 180 "	2½ ft....	2½ ft....	½ oz. for 100 ft. row	½ in.
CARROT, Early.....	April.....	10 to 15	65 to 85 "	4 in.....	1½ ft....	½ oz. for 100 ft. row	½ in.
Late.....	May to July	10 to 15	100 to 120 "	5 in.....	2 ft.....	½ oz. for 100 ft. row	½ in.
CAULIFLOWER, Early..	April.....	6 to 10	100 to 115 "	1½ ft....	2½ ft....	½ oz. for 100 ft. row	½ in.
Late.....	May & June	6 to 10	100 to 135 "	2 ft.....	3 ft.....	½ oz. for 100 ft. row	½ in.
CELERY.....	April.....	12 to 20	125 to 150 "	6 in.....	3 to 5 ft..	½ oz. for 100 ft. row	½ in.
CHERVIL.....	April & May	6 to 10	.....	broadcast.	20 in.....	1 oz. for 100 ft. row.	1 in.
CORN SUGAR.....	May to July	8 to 10	60 to 100 "	3 ft.....	4 ft.....	1 qt. for 200 hills...	1-2 in.
CRESS, Curled.....	April.....	4 to 6	30 "	broadcast.	1 ft.....	½ oz. for 100 ft. row	on surface
CUCUMBER.....	May to July	6 to 8	60 to 85 "	4 ft.....	4 ft.....	1 oz. for 60 hills...	1-2 in.
EGG PLANT.....	.....	10 to 14	125 to 160 "	2½ ft....	2½ ft....	½ oz. for 100 ft. row	½-1 in.
ENDIVE.....	April to Aug.	6 to 10	75 to 100 "	1 ft.....	1 ft.....	1 oz. for 100 ft. row.	½-1 in.
HORSERADISH.....	April & May	.....	.....	14-20 in.	2½ ft....	70 roots for 100 ft..	3-4 in.
KOHLRABI.....	April to July	6 to 8	65 to 85 "	1 ft.....	2 ft.....	½ oz. for 100 ft. row	½ in.
LEEK.....	April & May	6 to 10	120 to 160 "	6 in.....	1½ ft....	½ oz. for 100 ft. row	1 in.
LETTUCE.....	April to Aug.	6 to 10	75 to 100 "	1 ft.....	1 ft.....	½ oz. for 100 ft. row	½ in.
MELON, MUSK.....	May to June	6 to 10	90 to 120 "	4 ft.....	4 ft.....	1 oz. for 60 hills...	1-2 in.
MELON, WATER.....	May to June	8 to 12	100 to 125 "	8 ft.....	8 ft.....	1 oz. for 30 hills...	1-2 in.
ONION, Seed.....	April & May	6 to 10	120 to 150 "	3 in.....	1 ft.....	½ oz. for 100 ft. row	½-1 in.
ONION Sets.....	April & May	.....	.....	3 in.....	1 ft.....	3 pts. for 100 ft. row	1-2 in.
PARSLEY.....	April & May	18 to 24	90 to 100 "	4 in.....	1 ft.....	½ oz. for 100 ft. row	½ in.
PARSNIP.....	April.....	12 to 18	100 to 150 "	6 in.....	1½ ft....	½ oz. for 100 ft. row	½-1 in.
PEAS, Wrinkled.....	April to July	5 to 10	50 to 75 "	2 in.....	2 to 4 ft..	1 qt. for 150 ft. row..	2-3 in.
Smooth.....	April to Aug.	5 to 10	50 to 65 "	2 in.....	2 to 4 ft..	1 qt. for 150 ft. row..	2-3 in.
PEPPER.....	.....	10 to 14	135 to 150 "	2 ft.....	2½ ft....	½ oz. for 100 ft. row	½ in.
POTATOES.....	April to June	15 to 25	75 to 100 "	10 in.....	2½ ft....	1 peck to 100 ft. row	4 in.
PUMPKINS.....	May to June	6 to 10	100 to 125 "	8 ft.....	8 ft.....	1 oz. for 50 hills...	1-2 in.
RADISH.....	April to Sept.	4 to 6	25 to 50 "	2-4 in....	1 to 1½ ft.	1 oz. for 150 ft. row.	½-1 in.
RHUBARB ROOTS.....	April & May	.....	.....	3 ft.....	3 to 5 ft..	33 plants for 100 ft..	2-3 in.
SALSIFY.....	April.....	6 to 10	100 to 150 "	4 in.....	1 ft.....	½ oz. for 100 ft. row	1 in.
SPINACH.....	April to Sept.	6 to 12	60 to 75 "	4 in.....	1 to 1½ ft.	1 oz. for 200 ft. row.	1-2 in.
SQUASH Summer.....	May to July	6 to 10	60 to 75 "	4 ft.....	4 ft.....	1 oz. for 50 hills...	1-2 in.
Winter.....	May to June	6 to 10	100 to 125 "	8 ft.....	8 ft.....	1 oz. for 50 hills...	1-2 in.
TOMATO.....	June.....	6 to 10	125 to 150 "	3 ft.....	3 ft.....	½ oz. for 100 hills...	½-1 in.
TURNIP.....	April to Sept.	4 to 7	60 to 75 "	6 in.....	1 to 1½ ft.	½ oz. for 100 ft. row	½-1 in.

Insecticides to Use for Insects and Fungus Diseases

Insects that suck the juices from Plants and Foliage. In powder form use Slug Shot, Hellebore or Tobacco Dust. In liquid form for spraying use Aphine, Kerosene Miscible Oil, Nikoteen, Lemon Oil or Whale Oil Soap.

Insects that eat the Plants or Foliage. In powder form use Slug Shot, or Arsenate of Lead Powder. In liquid form use Aphine, Arsenate of Lead, Nikoteen, Paris Green, or Whale Oil Soap.

Scale on Hard Wood Trees. Spray with Scale Killer, Scalecide or Lime Sulphur.

Fungus Diseases. Spray with Bordeaux, Fungine or Pyrox. Dust with Bordeaux or Grape Dust.

Underground Insects. Cut Worm Killer, Tobacco Dust or Vermine.

